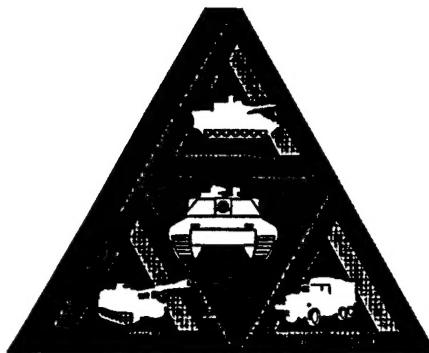


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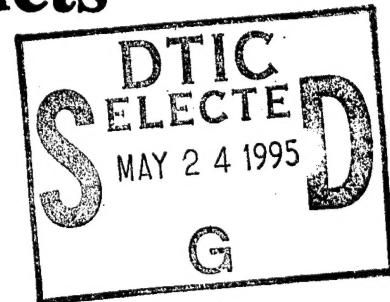


## Technical Report

No. 13642

### Shelf Life Extension for POL Products

April 1995



By In-Sik Rhee

Sgt Rutkowski

USA Tank Automotive Command  
Mobility Technology Center Belvoir

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U.S. Army Tank-Automotive Command  
Research, Development and Engineering Center  
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| <p>Extending the shelf life cycle of petroleum, oil, and lubricant (POL) products is clearly conservation effective for military petroleum and water handling distribution equipment (PWHE) as well as other vehicles and equipment. To review shelf life requirements of POL products, a total twenty-three (23) specification products were evaluated using the Maximum Likelihood (ML) method for the Weibull distribution. Data utilized for this study were the results of routine shelf life testing from Army Petroleum Center (APC) and Air Force San Antonio Air Logistics Center (SAALC). The results showed that the ML methodology can be used to predict the minimum/maximum shelf life of POL products, and the shelf life testing frequency of eleven of the twenty-three products evaluated can be extended from two years to three years without reformulation. These shelf life extensions will minimize the current problems related to lubricants used in preservation and refurbishment of PWHE for prepositioning, and logistics and supply burdens of lubricants.</p> |  |  |  |
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## **Section I Introduction**

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### **BACKGROUND/OBJECTIVE**

The U.S. Army is presently using numerous different types of petroleum, oil, and lubricant (POL) products covered by military and federal specifications, as the standard operational/preservative lubricants for all petroleum and water handling distribution equipment (PWHE). During Operation Desert Shield/Storm (ODS/S), a variety of lubricant related problems were surfaced in PWHE. Some of these problems were found in preservation and refurbishment of PWHE for prepositioning, and in the logistics and supply of these required POL products. To resolve these problems, a program was initiated by the Program Manager for Petroleum and Water Logistics (PM PWL). As a part of this program, the Fuels and Lubricants (F&L) Division of Army Mobility Technology Center — Belvoir provided fuel and lubricant related engineering support to determine the shelf life of POL products and their storage stability in PWHE located at Sierra Army Depot (SIAD), and to improve preservation procedures used for PWHE.

Most military POL products are formulated for use in extreme field environments and multipurpose applications. To meet these requirements, the specifications usually require a wide operational temperature range, excellent water and storage stability, good shear and oxidation stability, good antiwear and load carrying capacity, and rust and corrosion protection. These physical and chemical properties do change during storage and use. Most of these changes are inter-related and can eventually lead to lubrication failure. One of the most important properties is the storage stability of POL products. This property is often used to determine the shelf life of POL products. In the military lubrication system, the shelf life of packaged products is defined as the total period of time beginning with the date of manufacture or retest that a product may remain in the combined wholesale and retail storage system and still remain suitable for use by the end user.<sup>1</sup> The manufacturer's recommended shelf life for a majority of POL products are frequently listed as two years which is considered as the minimum shelf life of product and their extensions are currently granted by military re-certification process (*i.e.*, retesting the product). This process is somewhat inconvenient and time consuming. For instance, re-certification for POL products during Operation Desert Shield/Storm, was not properly performed due to the limited testing facilities in Southwest Asia. In a similar situation, the retesting frequency for a majority of packaged POL products is currently listed as only two years. This period is too short for storage aboard prepositioned ships, which have a thirty (30) month turn around cycle. For these reasons, longer shelf life products are currently needed for readiness of military equipment.

Extending the shelf life cycle of POL products is clearly conservation effective for PWHE as well as other vehicles/equipment. The limiting shelf life of many types of POL products is determined by either unacceptable contamination or additive depletion

in storage. Recently, many military POL products were reformulated to improve their field performances. These types of POL products tend to provide a longer shelf life than those with old formulations. To determine the possibility for extending shelf life of the POL products used in PWHE and their maximum shelf life, a preliminary study was conducted in cooperation with Army Petroleum Center (APC) and Air Force San Antonio Air Logistics Center (SAALC) who routinely conduct shelf life testing on various stored POL.

The objective of this study was to review the shelf life requirements for packaged POL products used in PWHE and to recommend extending their shelf life retesting frequency where appropriate.

## APPROACH

The shelf life of packaged POL products is one of the most important characteristics of military lubricants and associated products. To determine this property, numerous test methods have been developed for laboratory evaluations. Due to the accelerated nature of laboratory storage stability tests when coupled to the complexity of chemical degradations, the test results produced from these accelerated tests do not generally correlate to the field storage performance. Because of these, the shelf life of POL products is usually determined using quality surveillance tests taken during normal storage periods. To determine the minimum frequency for testing the shelf life of POL products by broad category, the military uses Type B-2 tests prescribed in the MIL-HDBK-200, *Quality Surveillance Handbook for Fuels, Lubricants, and Related Products*.<sup>2</sup> These surveillance tests are those most likely to reveal contamination/deterioration which may have occurred during product handling or storage. Tables 1-3 are a series of charts providing a detailed breakdown of the type of quality surveillance tests required for each POL product used in the military system. Most of these POL products are currently listed in Lubrication Orders (LOs) and Technical Manuals (TMs) for PWHE. These are shown in Appendix A.

The approach used in this study was to analyze the POL quality surveillance test data using the Maximum Likelihood method for Weibull distribution which was developed to analyze the censored data including suspension data. As the state-of-the art technology in development and designing of bearing materials and components has involved the application of a predictive  $L_{10}$  life value (the 90 percent reliable life), the adaptation of this technology to the POL products in storage system was considered as one approach towards predicting their minimum shelf life. In a similar approach, the  $L_{50}$  life (the 50 percent reliable life) is often used for economical calculation of the performance of a large number of bearings in applications where they may be easily replaced.<sup>3</sup> Therefore, for a practical purpose, the  $L_{50}$  life could be denoted as the maximum shelf life of POL products. The shelf life, once projected, can be used to obtain the proper shelf life testing intervals for POL products.

**Table 1. Shelf Life Tests for Lubricating Oils**

| Specification test requirement    | MIL-L- |      |      |      |      |       |       |       |       | VV-L-<br>800 |
|-----------------------------------|--------|------|------|------|------|-------|-------|-------|-------|--------------|
|                                   | 2104   | 2105 | 3150 | 6081 | 7808 | 21260 | 23699 | 46167 | 63460 |              |
| Appearance                        | X      |      | X    | X    | X    |       |       |       |       | X            |
| Color                             |        |      |      | X    |      |       |       |       |       | X            |
| Viscosity, 100 °C                 | X      | X    | X    |      | X    | X     | X     | X     |       |              |
| Viscosity, 40 °C                  |        |      |      | X    | X    |       |       |       |       | X            |
| Viscosity, -40 °C                 |        |      |      | X    |      |       | X     | X     |       | X            |
| Viscosity, -54 °C                 |        |      |      | X    | X    |       | X     |       | X     | X            |
| Specific Gravity                  |        |      |      |      |      |       |       |       |       |              |
| Flash Point                       | X      | X    |      | X    | X    | X     | X     | X     | X     | X            |
| Pour Point                        | X      |      | X    |      |      | X     | X     | X     | X     | X            |
| Acid Number                       |        |      |      | X    | X    |       | X     |       |       |              |
| Copper Corrosion                  |        | X    | X    | X    |      |       |       |       |       | X            |
| Corrosion and Oxidation Stability |        |      |      | X    | X    |       | X     |       |       |              |
| Evaporation Loss                  |        |      | X    |      |      |       | X     |       |       | X            |
| Precipitation Number              |        |      |      |      |      |       |       |       |       | X            |
| Foam Test                         | X      | X    |      |      | X    | X     | X     | X     |       |              |
| Particulate Contamination         |        |      |      | X    | X    |       | X     |       |       |              |
| Trace Metals                      |        |      |      |      | X    |       | X     |       |       |              |
| Load Carrying Capacity            |        |      |      |      | X    |       | X     |       | X     |              |

MIL-L-2104: Lubricating oil, Internal Combustion Engine, Tactical Service

MIL-L-2105: Lubricating oil, Gear, Multipurpose

MIL-L-3150: Lubricating oil, Preservative

MIL-L-6081: Lubricating oil, Jet Engine

MIL-L-7808: Lubricating oil, Aircraft Turbine Engine, Synthetic Base

MIL-L-21260: Lubricating oil, Internal Combustion Engine, Preservative and Break-In

MIL-L-23699: Lubricating oil, Aircraft Turbine Engine, Synthetic Base

MIL-L-46167: Lubricating oil, Internal Combustion Engine, Arctic

MIL-L-63460: Lubricant, Cleaner and Preservative for Weapons and Weapons Systems (Metric)

VV-L-800: Lubricating oil, General Purpose, Preservative

**Table 2. Shelf Life Tests for Hydraulic and Brake Fluids**

| Specification test requirement | MIL-H-6083 | MIL-H-46001 | MIL-H46170 | MIL-H-83282 | MIL-B-46176 |
|--------------------------------|------------|-------------|------------|-------------|-------------|
| Appearance                     | X          | X           | X          |             |             |
| Color                          | X          | X           | X          | X           |             |
| Viscosity, 100 °C              |            |             | X          | X           | X           |
| Viscosity, 40 °C               | X          | X           | X          | X           |             |
| Viscosity, -40 °C              | X          |             | X          | X           |             |
| Viscosity, -54 °C              | X          |             | X          |             | X           |
| Specific Gravity               |            | X           |            |             |             |
| Flash Point                    | X          | X           | X          | X           |             |
| Pour Point                     | X          | X           | X          | X           | X           |
| Acid Number                    | X          | X           | X          | X           |             |
| Copper Corrosion               | X          |             |            |             |             |
| Evaporation Loss               | X          |             |            | X           |             |
| Foam Test                      | X          | X           | X          | X           |             |
| Particulate Contamination      | X          |             | X          | X           |             |
| Rust Prevention                |            | X           | X          |             |             |
| Water Content                  | X          |             | X          | X           |             |
| Wear Test                      | X          |             | X          | X           |             |

MIL-H-6083: Hydraulic Fluid, Petroleum Base for Preservation and Operation

MIL-H-46001: Hydraulic Fluid, Petroleum Base, for Machine Tools

MIL-H-46170: Hydraulic Fluid, Rust Inhibited, Fire Resistant, Synthetic Hydrocarbon Base

MIL-H-83282: Hydraulic Fluid, Fire Resistant Synthetic Hydrocarbon Base, Aircraft

MIL-B-46176: Brake Fluid, Silicone, Automotive, Operational and Preservative

**Table 3. Shelf Life Tests for Lubricating Greases**

| Specification test requirement | MIL-G- |        |       |       |       |       | VV-G- |     |
|--------------------------------|--------|--------|-------|-------|-------|-------|-------|-----|
|                                | 4343   | 10924F | 21164 | 23827 | 25013 | 81322 | 632   | 671 |
| Appearance                     | X      | X      |       | X     | X     | X     |       | X   |
| Odor                           | X      | X      | X     | X     |       | X     |       |     |
| Penetration (Unworked)         |        |        | X     | X     |       |       |       |     |
| Penetration (Worked)           | X      | X      | X     | X     | X     | X     | X     | X   |
| Work Stability                 |        | X      | X     | X     |       | X     |       |     |
| Dropping Point                 | X      | X      | X     | X     | X     | X     | X     | X   |
| Oil Separation                 | X      | X      | X     | X     | X     |       |       |     |
| Evaporation Loss               | X      | X      | X     | X     | X     | X     | X     |     |
| Copper Corrosion               | X      | X      | X     | X     | X     | X     | X     | X   |
| Rust Protection                | X      | X      | X     | X     | X     | X     |       |     |
| Water Resistance               |        |        | X     | X     | X     | X     |       |     |
| Free Acidity                   |        |        |       |       |       |       | X     | X   |
| Molybdenum Disulfide Content   |        |        | X     |       |       |       |       |     |
| Water Content                  | X      |        |       |       |       |       |       | X   |
| Dirt (Particulate)             |        |        |       | X     | X     | X     |       |     |
| Load Carrying Capacity         | X      | X      | X     | X     |       | X     |       | X   |

MIL-G-4343: Grease, Pneumatic System

MIL-G-10924: Grease, Automotive and Artillery

MIL-G-21164: Grease, Molybdenum Disulfide for Low and High Temperatures

MIL-G-23827: Grease, Aircraft and Instrument, Gear and Actuator Screw

MIL-G-25013: Grease, Aircraft, Ball and Roller Bearing

MIL-G-81322: Grease, Aircraft, General Purpose, Wide Temperature Range

VV-G-632: Grease, Industrial, General Purpose

VV-G-671: Grease, Graphite

To evaluate the shelf life of POL products used in PWHE, the quality surveillance test data obtained from 1985 to 1993 were collected from Army Petroleum Center (APC) and Air Force San Antonio Air Logistics Center (AFMC) who conducted the Type B-2 tests. These data sets consisted of pass and failure data which represent "go" or "no go" types of data, and do not directly represent the physical and chemical properties of POL products. The quality surveillance test data are listed in Appendices B-C. For the statistic evaluation, these two sets of data were combined and are summarized in Table 4.

To draw a baseline, four POL products were selected as reference materials which have known shelf life. One was MIL-G-10924, *Grease, Automotive and Artillery* and the others were the lubricants having the current retesting frequency of three years. If the predicted minimum shelf life ( $L_{10}$  life) of POL products exceeds more than three years, the shelf life retesting frequency of these products can be extended to three years.

## STATISTIC METHODOLOGY

The statistic methodology used in this study was two-parameter Weibull distribution. This probability distribution was initially developed by Waloddi Weibull, Professor of Applied Physics at Royal Institute of Technology in Stockholm, Sweden. The primary motivation in developing this distribution was the study of the strength and fatigue life of materials. After the Weibull distribution had been accepted for studies on the fatigue of materials, it was widely applied in the field of reliability, fatigue testing, and quality control.<sup>4</sup> In an earlier study, the  $L_{10}$  wear life of lubricating greases were computed using the two-parameter Weibull probability distributions.<sup>5</sup> The distribution equation is described as follows:<sup>6</sup>

$$F(X) = 1 - e^{-(X/\theta)^{\beta}} \quad X \geq 0$$

where  $F(X)$  represents the probability of grease wear life. The function  $F(X)$  is called the cumulative distribution for a random variable  $X$ , such as grease wear life. The term  $\beta$  and  $\theta$  refer to shape and scale parameters respectively. Unfortunately, these parameters usually are not known. The best method for the estimation of these parameters is the Maximum Likelihood (ML) method, which gives a solution using simultaneous equations.<sup>7</sup> Generally, these unknown parameters are determined from the ML method of the extreme value distribution. Their relationship is expressed by the following mathematical form:  $X = \text{Exp}(Y)$ ,  $\theta = \text{Exp}(\lambda)$ , and  $\beta = 1/\delta$ , where  $X$ ,  $Y$  are random variables for Weibull and extreme value distribution.  $\lambda, \delta$  are the parameters of extreme value distribution. This extreme value distribution often applies to corrosion studies, the prediction of life, and the measurement of metal strength. The ML equation and the two partial differential equations of extreme value distribution are described in the following form:

**Table 4. Laboratory Shelf Life Data for POL Products**

| Specification | Total Batch | 2 Yr        | 4 Yr      | 6 Yr     | 8 Yr      | 10 Yr   | 11 Yr   | 12 Yr   | 13 Yr   | 14 Yr   | 15 Yr   | 16 Yr   | 17 Yr | 18 Yr   |
|---------------|-------------|-------------|-----------|----------|-----------|---------|---------|---------|---------|---------|---------|---------|-------|---------|
| MIL-B-46176   | 92          | 24/<br>1    | 33/<br>3  | 14/<br>2 | 3/<br>0   | 7/<br>0 | 9/<br>2 |         |         |         |         |         |       |         |
| MIL-G-4343    | 40          | 24/<br>8    | 10/<br>0  | 4/<br>0  | 2/<br>0   |         |         |         |         |         |         |         |       |         |
| MIL-G-10924   | 479         | 347/<br>148 | 89/<br>49 | 23/<br>6 | 3/<br>3   | 4/<br>2 |         |         |         |         | 2/<br>1 |         |       | 1/<br>1 |
| MIL-G-21164   | 55          | 30/<br>3    | 17/<br>2  | 5/<br>1  | 2/<br>0   | 1/<br>0 |         |         |         |         |         |         |       |         |
| MIL-G-23827   | 81          | 40/<br>11   | 23/<br>7  | 9/<br>1  | 6/<br>1   | 2/<br>0 | 1/<br>1 |         |         |         |         |         |       |         |
| MIL-G-25013   | 40          | 13/<br>2    | 20/<br>5  | 2/<br>0  | 2/<br>0   | 3/<br>1 |         |         |         |         |         |         |       |         |
| MIL-G-81322   | 222         | 141/<br>21  | 50/<br>1  | 21/<br>3 | 7/<br>1   | 4/<br>2 |         |         | 1/<br>1 |         |         |         |       |         |
| VV-G-632      | 9           | 5/<br>0     | 1/<br>1   | 1/<br>0  |           |         | 1/<br>1 |         |         |         | 1/<br>1 |         |       |         |
| VV-G-671      | 10          | 3/<br>0     | 3/<br>1   | 2/<br>0  | 1/<br>0   | 1/<br>0 |         |         |         |         |         |         |       |         |
| MIL-H-6083    | 58          | 32/<br>8    | 16/<br>5  | 2/<br>0  | 4/<br>1   | 3/<br>1 | 1/<br>1 | 1/<br>1 | 1/<br>1 | 1/<br>1 |         |         |       |         |
| MIL-H-46001   | 13          | 1/<br>0     | 5/<br>3   | 5/<br>1  | 2/<br>0   |         |         |         |         |         |         |         |       |         |
| MIL-H-46170   | 55          | 34/<br>3    | 6/<br>2   | 7/<br>1  | 7/<br>1   | 1/<br>0 |         |         |         |         |         |         |       |         |
| MIL-H-83282   | 163         | 83/<br>12   | 45/<br>18 | 34/<br>9 | 15/<br>11 | 3/<br>1 | 2/<br>2 | 2/<br>0 |         |         | 1/<br>1 |         |       | 1/<br>1 |
| MIL-L-2104    | 721         | 568/<br>20  | 62/<br>14 | 44/<br>7 | 24/<br>4  | 3/<br>0 | 1/<br>0 |         |         | 9/<br>0 |         | 3/<br>1 |       | 1/<br>0 |
| MIL-L-2105    | 145         | 111/<br>32  | 14/<br>4  | 5/<br>1  | 7/<br>1   | 3/<br>0 | 1/<br>0 | 3/<br>2 |         | 1/<br>0 |         |         |       |         |

(continued)

**Table 4. Laboratory Shelf Life Data for POL Products (continued)**

| Specification | Total Batch | 2 Yr     | 4 Yr     | 6 Yr     | 8 Yr     | 10 Yr    | 11 Yr   | 12 Yr    | 13 Yr   | 14 Yr   | 15 Yr   | 16 Yr   | 17 Yr | 18 Yr   |
|---------------|-------------|----------|----------|----------|----------|----------|---------|----------|---------|---------|---------|---------|-------|---------|
| MIL-L-3150    | 20          | 6/<br>1  | 10/<br>6 | 1/<br>0  |          |          |         |          |         | 2/<br>0 |         | 1/<br>0 |       |         |
| MIL-L-6081    | 50          | 2/<br>0  | 33/<br>3 | 1/<br>0  | 3/<br>0  | 1/<br>0  | 1/<br>0 | 5/<br>0  | 2/<br>0 | 2/<br>0 |         |         |       |         |
| MIL-L-7808    | 146         | 13/<br>1 | 31/<br>7 | 35/<br>8 | 23/<br>6 | 8/<br>3  | 6/<br>5 | 16/<br>4 | 6/<br>1 | 4/<br>0 | 2/<br>1 | 2/<br>0 |       |         |
| MIL-L-21260   | 55          | 45/<br>1 | 3/<br>0  |          | 1/<br>0  | 2/<br>0  |         | 2/<br>0  | 2/<br>0 |         |         |         |       |         |
| MIL-L-23699   | 145         | 26/<br>6 | 34/<br>3 | 31/<br>6 | 18/<br>3 | 19/<br>3 | 6/<br>5 | 7/<br>2  | 7/<br>3 | 1/<br>0 |         |         |       | 1/<br>1 |
| MIL-L-46167   | 25          | 8/<br>4  | 4/<br>4  | 11/<br>4 |          | 1/<br>1  |         | 1/<br>1  |         |         |         |         |       |         |
| MIL-L-63460   | 54          | 14/<br>3 | 27/<br>7 | 5/<br>1  | 8/<br>0  |          |         |          |         |         |         |         |       |         |
| VV-L-800      | 55          | 25/<br>8 | 11/<br>4 | 12/<br>1 | 1/<br>1  | 2/<br>0  | 1/<br>1 |          |         |         | 1/<br>1 | 1/<br>1 |       |         |

**Remarks:**

Under each year column, there is number/number.

The first number represents total number of batches/lots tested for that period.

The second one represents the number of failed samples.

Extreme value log likelihood equation:

$$L = \sum' [-\ln(\delta) - \exp[(y - \lambda)/\delta] + [(y - \lambda)/\delta] - \sum'' \exp[(y - \lambda)/\delta]] \quad (1)$$

Constraining partial differential equations:

$$\partial L / \partial \lambda = (1/\delta) [\sum \exp[(y - \lambda)/\delta] - r] = 0 \quad (2)$$

$$\partial L / \partial \delta = (1/\delta) [\sum [(y - \lambda)/\delta] \exp[(y - \lambda)/\delta] - r] = 0 \quad (3)$$

$$i = 1, 2, 3, \dots$$

where  $\sum$  = sum of failure and suspension data

$\sum'$  = sum of failure data

$\sum''$  = sum of suspension data

$r$  = the number of failure in a sample

From the above equations, the ML estimators ( $\lambda, \delta$ ) must be satisfied in the two constraining equations (2) and (3). Concurrently, these ML estimators ( $\lambda, \delta$ ) establish the extreme value log likelihood equation (1) and can be used to calculate a numerical maximum value. Finally, these values ( $\lambda, \delta$ ) are converted to the Weibull parameters ( $\theta, b$ ) using their relationship. One problem area is that the above constraining equations (2) and (3) are not linear. Therefore, these equations must be iteratively solved by the computer. The best iterative method is the well-known Newton-Raphson method which gives quicker convergence. In practice, the Newton-Raphson method can be effective in providing the ML estimators ( $\lambda, \delta$ ) when the initial estimates ( $\lambda_i, \delta_i$ ) are sufficiently close to the optimum values ( $\lambda, \delta$ ). However, for poor initial estimates ( $\lambda_i, \delta_i$ ), the procedure often fails to result in convergence.

The major advantages of the ML method are good estimates of the Weibull parameters, reduced computational time, and good repeatability. This method also provides the covariance matrices and the approximate confidence limits for distribution percentiles. On the other hand, this method requires a special program for the computations.

In our previous DoD long life grease program, the ML computer program for the two-parameter Weibull probability distribution had been developed which can be used for a variety of systems (*i.e.*, failure criteria or probability of failure with input provided by laboratory tests, system tests, and field data).<sup>8</sup> This methodology has been used to predict the  $L_{10}$  life which can be denoted as the minimum life of greases, hydraulic fluids, lubricants, engine oils and other associated products. The typical computer outputs are shown in Figure 1 and Table 5. Figure 1 shows the probability shelf life diagram obtained for a single POL product evaluated (*i.e.*, silicone brake fluid). This diagram presents the cumulative probability in percent and shelf life, respectively.

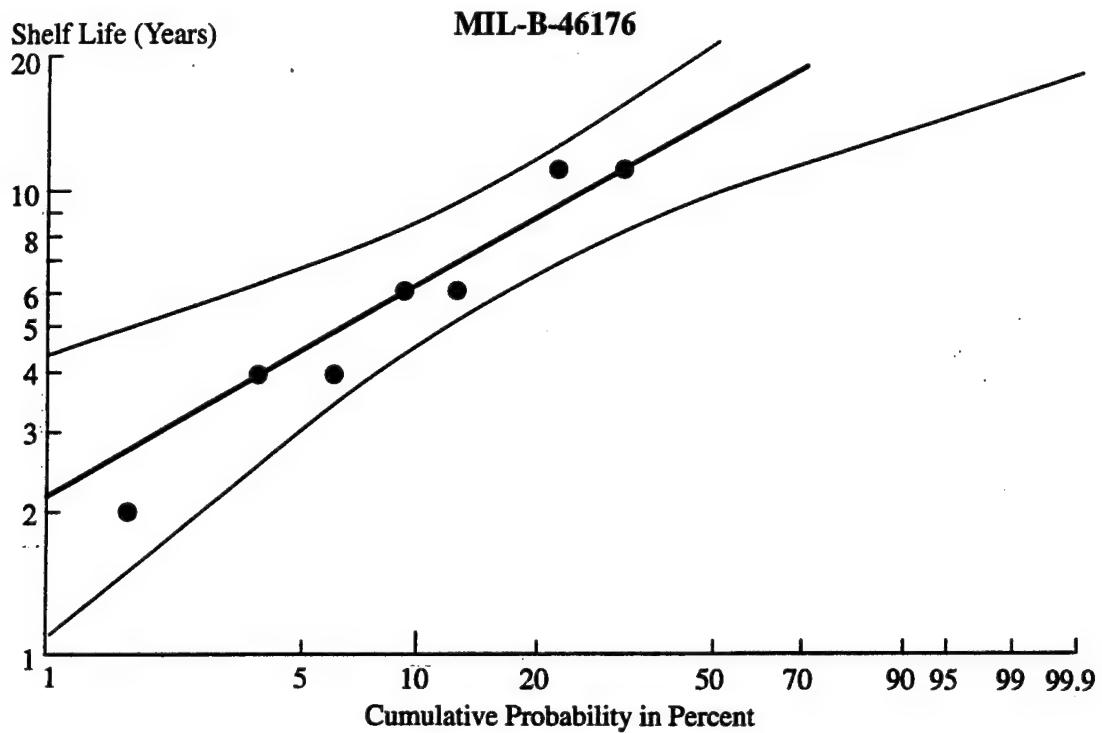


Figure 1. Shelf Life of Silicone Brake Fluid, MIL-B-46176

## RESULTS/DISCUSSIONS

A summary of the minimum/maximum shelf life predictions for POL products used in PWHE is presented in Table 6. The retesting intervals for POL products specified in the MIL-HDBK-200 are also added in Table 6 to compare with the results obtained from the shelf life predictions. Table 6 showed that all POL products except for two lubricants exceeded their recommended manufacture shelf life (*i.e.*, first retesting period). Eleven products among them projected more than three years of minimum shelf life ( $L_{10}$  life). The maximum shelf life ( $L_{50}$  life) of POL products evaluated varied between 3.6 and 14.5 years. These projected shelf life extensions will, if implemented, reduce the proliferation of aged products that can no longer be useful for military systems.

Concerning the correlation between projected shelf life and storage performance, MIL-G-10924 grease and three lubricants having current retesting frequency of three years were also evaluated to use as the reference samples. The MIL-G-10924 grease is formulated using polyalpholefin (PAO) base oils, lithium-complex thickeners and several additives. In 1991, it was found that MIL-G-10924 greases manufactured in the period from February 1990 to November 1990 developed a crystal-like contaminant. The crystals appearing in these batches usually showed up after eight to twelve months from the manufacture fill date. In the follow-up investigation, it was found that the most probable cause of the crystals appearing in the grease was the antioxidant used was not sufficiently soluble in the base oil. Fortunately, the crystal growth in these greases

**Table 5. Shelf Life of Silicone Brake Fluid, MIL-B-46176**

ESTIMATES FOR THE LUBRICANT SHELF LIFE  
USING THE CUMULATIVE WEIBULL DISTRIBUTION

$$F(X) = 1 - \text{EXP}(- (X/A)^B)$$

ESTIMATE AND TWO-SIDED 90% CONFIDENCE INTERVALS  
FOR DISTRIBUTION PARAMETERS

Shape Parameter = 2.2432  
Lower Limit = 1.3970  
Upper Limit = 3.6022

Scale Parameter = 17.0928  
Lower Limit = 11  
Upper Limit = 26.3386

ESTIMATED COVARIANCE MATRIX OF PARAMETER ESTIMATES

|       | <u>Scale</u> |  | <u>Shape</u> |
|-------|--------------|--|--------------|
| Scale | 20.1847      |  | -2.2270      |
| Shape | -2.2270      |  | 0.4172       |

ESTIMATE AND TWO-SIDED 90% CONFIDENCE INTERVALS  
FOR DISTRIBUTION PERCENTILES

| <u>Percentage</u> | <u>Estimate</u> | <u>Lower Limit</u> | <u>Upper Limit</u> |
|-------------------|-----------------|--------------------|--------------------|
| 1.0               | 2.2             | 1.1                | 4.4                |
| 5.0               | 4.5             | 3.0                | 6.8                |
| 10.0              | 6.3             | 4.6                | 8.6                |
| 20.0              | 8.8             | 6.6                | 11.6               |
| 50.0              | 14.5            | 10.0               | 21.1               |
| 70.0              | 18.6            | 11.7               | 29.5               |
| 90.0              | 24.8            | 13.9               | 44.2               |
| 95.0              | 27.9            | 14.9               | 52.2               |
| 99.0              | 33.8            | 16.6               | 68.7               |
| 99.9              | 40.5            | 18.4               | 89.1               |

LUBRICANT SHELF LIFE (YEARS)

|                      | <u>Estimate</u> | <u>Lower Limit</u> | <u>Upper Limit</u> |
|----------------------|-----------------|--------------------|--------------------|
| Minimum ( $L_{10}$ ) | 6.3             | 4.6                | 8.6                |
| Maximum ( $L_{50}$ ) | 14.5            | 10.0               | 21.1               |

**Table 6. Lubricant Shelf Life Prediction (Yrs)**

| Specification | Current Retest Intervals | Minimum Shelf Life ( $L_{10}$ ) | Maximum Shelf Life ( $L_{50}$ ) |
|---------------|--------------------------|---------------------------------|---------------------------------|
| MIL-B-46176   | 2                        | 6.3                             | 14.5                            |
| MIL-G-4343    | 2                        | 2.1                             | 8.1                             |
| MIL-G-10924   | 2                        | 1.8                             | 3.6                             |
| MIL-G-21164   | 2                        | 3.8                             | 9.5                             |
| MIL-G-23827   | 2                        | 2.5                             | 7.4                             |
| MIL-G-25013   | 2                        | 3.4                             | 8.6                             |
| MIL-G-81322   | 2                        | 3.2                             | 9.0                             |
| VV-G-632      | 2                        | 4.3                             | 7.8                             |
| VV-G-671      | 2                        | 4.8                             | 10.1                            |
| MIL-H-6083    | 2                        | 2.5                             | 7.1                             |
| MIL-H-46001   | 2                        | 3.9                             | 7.6                             |
| MIL-H-46170   | 2                        | 3.9                             | 10.3                            |
| MIL-H-83282   | 2                        | 3.3                             | 7.1                             |
| MIL-L-2104    | 2                        | 4.5                             | 11.7                            |
| MIL-L-2105    | 2                        | 1.8                             | 6.6                             |
| MIL-L-3150    | 2                        | 2.9                             | 4.5                             |
| MIL-L-6081    | 3                        | 5.2                             | 9.3                             |
| MIL-L-7808    | 3                        | 6.2                             | 12.9                            |
| MIL-L-21260   | 2                        | 5.3                             | 12.9                            |
| MIL-L-23699   | 3                        | 5.8                             | 12.6                            |
| MIL-L-46167   | 2                        | 2.5                             | 6.1                             |
| MIL-L-63460   | 3                        | 3.4                             | 8.5                             |
| VV-L-800      | 2                        | 2.5                             | 7.8                             |

did not affect their original performance. However, any crystals appearing in the grease are not acceptable because their appearance violates the workmanship paragraph in the MIL-G-10924 specification. This requires the grease to be homogeneous and smooth in texture. In the other case, this grease also showed copper corrosion problems. This problem was first noticed during shelf life testing conducted two years after production. Due to the formulation deficiency, many other failures occurred during the last three years and eventually, its shelf life was reduced. It appears that the projected minimum shelf life ( $L_{10}$  life) of this grease agreed with actual storage life. Evidently, the lubricants (MIL-L-6081, MIL-L-7808, MIL-L-23699, MIL-L-63460) having current retesting frequency of three years clearly demonstrated more than three years of projection ( $L_{10}$  life).

Most lubricating grease manufacturers recommend that their products be retested within two years after manufacture. This simply means that structural changes may occur in storage during longer periods which markedly alter grease chemical/physical properties. However, military greases must have long stable shelf life since they are often in the supply system longer than two years. There are a number of changes that may occur in lubricating grease during storage. The degradation mode of military greases is primarily by the natural phase separation of the various components of the mixture. Oxidation stability also can contribute to the shelf life of grease. Conditions of storage which subject the grease to cyclic heating and cooling generally affect the degradation of grease properties. Some grease may harden to an objectionable extent if exposed to moisture. Table 6 shows that the minimum shelf life ( $L_{10}$ ) of greases are between 1.8 and 4.8 years and that the retesting frequency of five grease products can be extended from two years to three years.

Many hydraulic fluids have a recommended shelf life after which properties should be retested to assure quality of the fluid. The storage characteristics of a hydraulic fluid are closely related to chemical stability and handling characteristics. Most critical failures of a hydraulic fluid during storage period are caused by poor oxidation stability and contaminations such as moisture present.<sup>9</sup> Table 6 also shows that the retesting frequency of three hydraulic fluids can be raised from two years to three years.

The quality of lubricating oils is attained not only through purification and manufacturing process but also through the addition of certain chemical compounds or additive agents. The separation of some of the ingredients may take place during storage. This separation may be due to insolubility, agglomeration of some component, or chemical reaction of ingredients. Table 6 shows that the MIL-L-2104 and MIL-L-23699 engine oils provided excellent shelf life, while MIL-L-2105 gear oil projected very poor shelf life. Typically, this product has been found to lose its antifreeze qualities upon storage due to striation, coalescence, or to insolubility of the defoamer additives. Based on the data, the shelf life retesting frequency of MIL-L-63460 oil can also be extended from two years to three years.

The silicone brake fluid (MIL-B-46176) shows a longer shelf life among the POL products evaluated. It appears that the synthetic fluids provide a longer shelf life than

those of petroleum based fluids because of their excellent chemical and thermal stability. Therefore, the shelf life retesting frequency of MIL-B-46176 fluid can be extended as well as the other products noted above.

## **CONCLUSIONS/RECOMMENDATIONS**

On the basis of the work completed to date, the shelf life of POL products can be predicted using Maximum Likelihood method for two-parameter Weibull distribution. Our statistical analysis indicated the shelf life retesting frequency of the following eleven (11) products can be extended from two years to three years without reformulation.

MIL-B-46176, MIL-G-21164, MIL-G-25013, MIL-G-81322, VV-G-632,  
VV-G-671, MIL-H-46001, MIL-H-46170, MIL-H-83282, MIL-L-2104,  
MIL-L-21260

On the other hand, the following seven (7) products may need reformulation or replacement to use in refurbishment of PWHE for storage aboard prepositioned ships, which have a thirty (30) month turn around cycle.

MIL-G-4343, MIL-G-10924, MIL-G-23827, MIL-H-6083, MIL-L-2105,  
MIL-L-46167, VV-L-800

The maximum shelf life ( $L_{50}$ ) prediction can be used to control the shelf life testing periods and to determine the upper useful life of POL products during storage.

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## Appendix A: Lubricants for Petroleum and Water Handling Equipment

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| DOCUMENT   | EQUIPMENT NOMENCLATURE   |          |
|--|--|----------|
| MIL SPECIFICATION                                      | DESCRIPTION  | INTERVAL |
| TM 5-3825-202-20<br>LO 5-3825-202-20                   | DISTRIBUTOR, WATER, TANK TYPE: GED, TRK<br>MTD, 1000 GAL   |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-10295<br>*MIL-L-46167                            | LUBRICATING OIL, OES   | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-3825-221-14<br>LO 5-3825-221-12<br>MIL-D-13687    | DISTRIBUTOR, WATER, TANK-TYPE, TRK<br>MTD, GED (MODEL W15A) DED (MODEL W15B9019)                                   |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-3825-223-12<br>LO 5-3825-223-12                   | DISTRIBUTOR, WATER, TANK-TYPE, GED, TRK MTD 1000<br>GAL  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-10295<br>*MIL-L-46167                            | LUBRICATING OIL, OES   | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |
| VV-L-751<br>*MIL-L-2105                                | LUBRICATING OIL, CW-11 GEAR<br>OIL, 85W/140  | 50 Hrs   |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-200-13P<br>MIL-P-14514<br>(LO 5-2805-256-12) | PUMP, CENTRIFUGAL, FRAME MTD 1½", GED, EMD,<br>50 GPM at 70 FT HD, 65 GPM at 50 FT HD<br>(ENGINE, GASOLINE, 1½ HP) |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 50 Hrs   |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-208-12P<br>MIL-P-52109<br>(LO 5-2805-257-12) | PUMP, CENTRIFUGAL, GED, FRAME MTD, 2" 125<br>GPM, 50 FT HD<br>(ENGINE, GASOLINE, 3 HP MSTD)                        |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  |          |
| MIL-L-21260  | LUBRICATING OIL, PE  |          |
| P-D-680  | SOLVENT, SD-2  |          |

| DOCUMENT   | EQUIPMENT NOMENCLATURE   |          |
|--|--|----------|
| MIL SPECIFICATION  | DESCRIPTION  | INTERVAL |
| TM 5-4320-215-12<br>LO 5-4320-215-12<br>MIL-P-10360                  | PUMP, CENTRIFUGAL, FRESH WATER, GED, 2" WH<br>MTD, 4", 500 GPM, 30 FT HD                             |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 100 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 100 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-216-15<br>LO 5-4320-216-12<br>MIL-P-10360                  | PUMP, CENTRIFUGAL, FRESH WATER, GED, BASE<br>MTD, 4" 200 GPM, 300 FT HD                              |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 100 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 100 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 10 Hrs   |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-217-15<br>LO 5-4320-217-12<br>**MIL-P-12620                | PUMP, CENTRIFUGAL, PETROLEUM, GED, SKID<br>MTD, 6", 500 GPM at 555 FT HD TO 1400<br>GPM at 275 FT HD |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 100 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 100 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 100 Hrs  |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-218-15<br>LO 5-4320-218-12<br>MIL-P-52144                  | PUMP, CENTRIFUGAL, PETROLEUM, GED, 4" 350<br>GPM, 275 FT HD  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | BM       |
| MIL-L-46167  | LUBRICATING OIL, OEA   | BM       |
| MIL-L-21260  | LUBRICATING OIL, PE 30   |          |
| MIL-G-10924  | GREASE, GAA  | A        |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-220-15<br>LO 5-4320-220-12<br>**MIL-P-14526<br>MIL-P-17861 | PUMP, CENTRIFUGAL, GED, BASE MTD, 2" 166<br>GPM, 25 FT HD  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA  | 10 Hrs   |
| P-D-680  | SOLVENT, SD-2  |          |

| DOCUMENT   | EQUIPMENT NOMENCLATURE  |          |
|--|---|----------|
| MIL SPECIFICATION  | DESCRIPTION   | INTERVAL |
| TM 5-4320-222-15<br>LO 5-4320-222-12<br>MIL-P-509C<br>(LO 5-2805-206-12) | PUMP UNIT, RECIPROCATING, DIAPHRAM, GED,<br>WH MTD, RUBBER TIRES, 4" 100 GPM, 10 FT<br>SUCTION LIFT, W/MSTD ENG MODEL 2A016-2 |          |
| MIL-A-46153  | ANTIFREEZE, ENGINE  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO   | 10 Hrs   |
| MIL-L-2105   | LUBRICATING OIL, GO   | 250 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA  | 10 Hrs   |
| MIL-G-10924  | GREASE, GAA   | 250 Hrs  |
| MIL-G-23827  | GREASE, GIA   |          |
| P-D-680  | SOLVENT, SD-2   |          |
| TM 5-430-225-25P   | PUMP, CENTRIFUGAL, GED, SKID MTD, 6" 1120<br>GPM, SELF PRIMING  |          |
| TM 5-4320-226-14<br>LO 5-4320-226-12<br>MIL-P-52144                      | PUMPING ASSEMBLY, DED, WH MTD, 350 GPM,<br>275 FT HD  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO   | 200 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA  | 200 Hrs  |
| MIL-G-10924  | GREASE, GAA   | 3000 Hrs |
| P-D-680  | SOLVENT, SD-2   |          |
| TM 5-4320-228-13P<br>**MIL-P-14526<br>MIL-P-17861<br>(LO 5-2805-213-12)  | PUMP, CENTRIFUGAL, GED, FRAME MTD, 2" 170<br>GPM, 50 FT HD<br>(ENGINE GASOLINE, 14 HP, MSTD MODEL A042)                       |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO   | W        |
| MIL-L-46167  | LUBRICATING OIL, OEA  | W        |
| P-D-680  | SOLVENT, SD-2   |          |
| TM 5-4320-233-15<br>LO 5-4320-233-15                                     | PUMP, CENTRIFUGAL, GED, SKID MTD, 6" 1120<br>GPM, SELF-PRIMING  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO   | 100 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA  | 100 Hrs  |
| MIL-G-10924  | GREASE, GAA   | 500 Hrs  |
| P-D-680  | SOLVENT, SD-2   |          |
| TM 5-4320-234-34<br>LO 5-4320-234-12                                     | PUMP, CENTRIFUGAL, SELF-PRIMING, GED, WH<br>MTD, 6" 1500 GPM, 60 FT HD  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO   | 50 Hrs   |
| MIL-L-46167  | LUBRICATING OIL, OEA  | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA   | 2000 Hrs |
| P-D-680  | SOLVENT, SD-2   |          |

| DOCUMENT  | EQUIPMENT NOMENCLATURE  |          |
|---|---|----------|
| MIL SPECIFICATION   | DESCRIPTION   | INTERVAL |
| TM 5-4320-237-12<br>LO 5-4320-237-12<br>MIL-P-3230                      | PUMPING ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, CENTRIFUGAL, 50 GPM, 100 FT HD, GED, 2", FRAME MTD |          |
| MIL-L-2104  | LUBRICATING OIL, OE/HDO   | W        |
| MIL-L-46167   | LUBRICATING OIL, OEA  | W        |
| P-D-680   | SOLVENT, SD-2   |          |
| TM 5-4320-240-15<br>LO 5-4320-240-12                                    | PUMP, CENTRIFUGAL, SELF-PRIMING, 6", ONE STAGE, 1120 GPM  |          |
| MIL-L-2104  | LUBRICATING OIL, OE/HDO   | BM       |
| MIL-L-46167   | LUBRICATING OIL, OEA  | BM       |
| P-D-680   | SOLVENT, SD-2   |          |
| TM 5-4320-242-14<br>(LO 5-2805-259-12)<br>MIL-P-5243                    | PUMP ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, GED, 350 GPM, 190 FT HD, WH MTD                       |          |
| MIL-L-2104  | LUBRICATING OIL, OE/HDO   |          |
| MIL-L-46167   | LUBRICATING OIL, OEA  |          |
| MIL-G-10924   | GREASE, GAA   |          |
| P-D-680   | SOLVENT, SD-2   |          |
| TM 5-4320-243-15<br>LO 5-4320-243-12                                    | PUMP, CENTRIFUGAL, PIPELINE, GED, SKID MTD, 500 GPM to 1400 GPM                                       |          |
| MIL-L-2104  | LUBRICATING OIL, OE/HDO   | 100 Hrs  |
| MIL-L-46167   | LUBRICATING OIL, OEA  | 100 Hrs  |
| MIL-G-10924   | GREASE, GAA   | 100 Hrs  |
| P-D-680   | SOLVENT, SD-2   |          |
| TM 5-4320-248-15<br>LO 5-4320-248-12                                    | FUEL SYSTEM, TRANSFER, PORTABLE, PUMP CENTRIFUGAL, 100 GPM, 2 DISCHARGE HOSE ASSEMBLIES, 3 HP GED     |          |
| MIL-L-2104  | LUBRICATING OIL, OE/HDO   | W        |
| MIL-L-46167   | LUBRICATING OIL, OEA  | W        |
| P-D-680   | SOLVENT, SD-2   |          |
| TM 5-4320-249-14<br>(LO 5-2805-259-12)<br>**MIL-P-52469                 | PUMP, CENTRIFUGAL, WATER, 200 GPM   |          |
| MIL-L-2104  | LUBRICATING OIL, OE/HDO   |          |
| MIL-L-46167   | LUBRICATING OIL, OEA  |          |
| P-D-680   | SOLVENT, SD-2   |          |
| TM 5-4320-251-14<br>LO 5-4320-251-12<br>MIL-P-509<br>(LO 5-2805-257-12) | PUMP, RECIPROCATING, POWER DRIVEN DIAPHRAM, GED, WH MTD, 100 GPM<br>(ENGINE, GASOLINE, 3 HP MSTD)     |          |

| DOCUMENT   | EQUIPMENT NOMENCLATURE   |          |
|--|--|----------|
| MIL SPECIFICATION  | DESCRIPTION  | INTERVAL |
| MIL-A-46153  | ANTIFREEZE, ENGINE   |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 100 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 100 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 500 Hrs  |
| MIL-G-23827  | GREASE, G1A  |          |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-252-14<br>LO 5-4320-252-12<br>(LO 5-2805-257-12) | PUMP, RECIPROCATING, DIAPHRAM, 100 GPM,<br>LESS MIL STD ENG<br>(ENGINE, GASOLINE, 3 HP MSTD) |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 500 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 500 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-254-14   | PUMP, CENTRIFUGAL, GED, 600 GPM  |          |
| TM 5-4320-255-13<br>LO 5-4320-255-12                       | PUMP, CENTRIFUGAL, PNEUMATIC, SUMP 210 GPM   |          |
| MIL-L-21260  | LUBRICATING OIL, PE-1  | 5 Hrs    |
| MIL-G-10924  | GREASE, GAA  | 10 Hrs   |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-256-12<br>MIL-P-52746                            | PUMP ASSEMBLY, FLAMMABLE LIQUID, CENTRI-<br>FUGAL, SELF-PRIMING, GED, 2" 100 GPM             |          |
| TM 5-4320-258-12<br>LO 5-4320-258-12                       | PUMP, CENTRIFUGAL, POL, GED, 6" 1120 GPM,<br>SKID MTD  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | BM       |
| MIL-46167  | LUBRICATING OIL, OEA   | BM       |
| MIL-G-10924  | GREASE, GAA  | W        |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-259-12<br>LO 5-4320-259-12<br>**MIL-P-52591      | PUMP ASSEMBLY, FLAMMABLE LIQUID, BULK<br>TRANSFER, CENTRIFUGAL, GED, 100 GPM                 |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | W        |
| MIL-L-46167  | LUBRICATING OIL, OEA   | W        |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-272-12<br>LO 5-4320-272-12                       | PUMP ASSEMBLY, FLAMMABLE LIQUID, BULK<br>TRANSFER, GED, 350 GPM, 275 FT HD, WH MTD           |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |

| DOCUMENT   | EQUIPMENT NOMENCLATURE   |          |
|--|--|----------|
| MIL SPECIFICATION  | DESCRIPTION  | INTERVAL |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-273-14<br>LO 5-4320-273-12<br>MIL-P-52144          | PUMPING ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, GED, 350 GPM, 275 FT HD, WH MTD   |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 50 Hrs   |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 50 Hrs   |
| MIL-G-10924  | GREASE, GAA  | 1000 Hrs |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-274-14P  | PUMP, CENTRIFUGAL, FRAME MTD, 1 $\frac{1}{2}$ ", EMD   |          |
| TM 5-4320-275-13P<br>LO 5-4320-275-12                        | PUMP, RECIPROCATING, POWER-DRIVEN, DIAPHRAGM, GED, WH MTD  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | Q        |
| MIL-L-2105   | LUBRICATING OIL, GO  | Q        |
| MIL-L-10295<br>*MIL-L-46167                                  | LUBRICATING OIL, OES   | Q        |
| MIL-G-10924  | GREASE, GAA  | Q        |
| MIL-G-23827  | GREASE, G1A  | Q        |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-300-14<br>LO 5-4320-300-12                         | PUMP, CENTRIFUGAL, SELF-PRIMING, DED, WH MTD, 6", 1500 GPM, 60 FT HD   |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDA  | 100 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 100 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 2000 Hrs |
| P-D-680  | SOLVENT, SD-2  |          |
| TM 5-4320-301-13P  | FOWARD AREA WATER SUPPLY SYSTEM  |          |
| TM 5-4320-302-14<br>LO 5-4320-302-12                         | PUMP, CENTRIFUGAL, WATER, DED, 2 $\frac{1}{2}$ ", SKID MTD, 200 GPM, 300 FT HD   |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 205 Hrs  |
| MIL-L-46167  | LUBRICATING OIL, OEA   | 205 Hrs  |
| MIL-G-10924  | GREASE, GAA  | 415 Hrs  |
| P-D-680  | SOLVENT SD-2   |          |
| TM 5-4320-303-10<br>(TM 5-4320-208-12&P<br>LO 5-2805-256-12) | TACTICAL WATER DISTRIBUTION EQUIPMENT SYSTEM(TWD) SET, 10 ML SEGMENT (SELF-PRIMING, CENTRIFUGAL PUMP, 600 GPM, DED, AND 125 GPM PUMP, GED) |          |
| MIL-A-46153  | ANTIFREEZE, ENGINE   |          |
| MIL-B-46167  | BRAKE FLUID, SILICONE  |          |
| MIL-L-2104   | LUBRICATING OIL, OE/HDO  | 250Hrs   |

| DOCUMENT  | EQUIPMENT NOMENCLATURE  |          |
|---|---|----------|
| MIL SPECIFICATION                                 | DESCRIPTION   | INTERVAL |
| MIL-G-10924                                       | GREASE, GAA   | 200Hrs   |
| P-D-680   | SOLVENT, SD-2   |          |
| TM5-4320-304-14MIL-P-52109                        | PUMP, CENTRIFUGAL, SELF-PRIMING, 125GPM, CLASS3, DED  |          |
| MIL-L-2104  | LUBRICATINGOIL, OE/HDO  | 150Hrs   |
| MIL-L-21260                                       | LUBRICATINGOIL, PE  |          |
| MIL-G-10924                                       | GREASE, GAA   |          |
| MIL-G-18709*DOD-G-24508                           | GREASE,   |          |
| P-D-680   | SOLVENT, SD-2   |          |
| TM5-4320-305-10                                   | PUMPUNIT, CENTRIFUGAL, HOSELINE, 600GPM, DED  |          |
| TM5-4320-306-10                                   | PUMPUNIT, CENTRIFUGAL, FLOOD&TRANSFER, 1250GPM, DED   |          |
| MIL-L-2104  | LUBRICATINGOIL, OE/HDO  |          |
| MIL-L-46167                                       | LUBRICATINGOIL, OEA   |          |
| P-D-680   | SOLVENT, SD-2   |          |
| TM5-4320-308-13MIL-P-3230                         | PUMPINGASSEMBLY, FLAMMABLELIQUID, BULKTRANSFER, 50GPM, GED, CENTRIFUGAL                                 |          |
| TM5-4320-309-14                                   | PUMP, CENTRIFUGALSELF-PRIMING, 125GPM, WATERANDCLASS3, DED  |          |
| MIL-L-2104  | LUBRICATINGOIL, OE/HDO  | 100Hrs   |
| MIL-L-21260                                       | LUBRICATINGOIL, PE  |          |
| MIL-G-10924                                       | GREASE, GAA   |          |
| MIL-G-18709*DOD-G-24508                           | GREASE  |          |
| P-D-680   | SOLVENT, SD-2   |          |
| TM5-4610-205-10L05-4610-205-12MIL-W-52492         | WATERPURIFICATIONUNIT, BASEMD, ED, AC, 115, 208V, SINGLEPHASE&3PHASE, 60CYCLE, 3000GPH                  |          |
| MIL-L-2105  | LUBRICATINGOIL, GO90  | 500Hrs   |
| MIL-L-46167                                       | LUBRICATINGOIL, OEA   | 50Hrs    |
| MIL-G-10924                                       | GREASE, GAA   | 50Hrs    |
| 9150-00-261-8924                                  | GREASE, PLUGVALVEACF  | 50Hrs    |
| ASTMD3496   | INSULATINGOIL, ELEC   | 1000Hrs  |
| P-D-680   | SOLVENT, SD-2   |          |
| TM5-4610-207-12 (TM5-4320-208-12&L05-2805-257-12) | WATERTREATMENT, DECONTAMINATIONKIT (CENTRIFUGALPUMP, 125GPMGED, WATERPUMPENGINE, GASOLINE, 3HP MIL-STD) |          |
| MIL-L-2104  | LUBRICATINGOIL, OE/HDO  |          |

| DOCUMENT                                    | EQUIPMENT NOMENCLATURE   |          |
|---|--|----------|
|   | DESCRIPTION  | INTERVAL |
| MIL SPECIFICATION                           |  |          |
| MIL-L-21260                                 | LUBRICATINGOIL, PE   |          |
| P-D-680                                     | SOLVENT, SD-2  |          |
| TM5-4610-208-14L05-4610-208-12              | WATERPURIFICATIONUNIT: 420GPH, ED, AC, 115V, SINGLEPHASE, 60HERTZ, 1/20TO1 $\frac{1}{2}$ HP                        |          |
| MIL-L-15061                                 | OIL, GENERALPURPOSE  | 250Hrs   |
| MIL-G-10924                                 | GREASE, GAA  | 50Hrs    |
| ASTMD3496                                   | INSULATINGOIL, ELEC  | 500Hrs   |
| P-D-680                                     | SOLVENT, SD-2  |          |
| TM5-4610-210-14MIL-H-12732                  | HYPOCHLORINATIONUNIT, WATER, PURIFICATION, FRAMEMTD, WATERDRIVEN, 100GPM   |          |
| TM5-4610-215-12L05-4610-215-12MIL-W-52960   | WATERPURIFICATIONUNIT, REVERSEOSMOSIS 600GPH, TRAILER, FLATBEDCARGO, 5TN4WEHTANDEM, OR600GPMISKIDMTD               |          |
| MIL-L-2104                                  | LUBRICATINGOIL, OE/HDO   | Q        |
| MIL-L-2105                                  | LUBRICATINGOIL, GO   | A        |
| MIL-G-10924                                 | GREASE, GAA  | A        |
| P-D-680                                     | SOLVENT, SD-2  |          |
| TM5-4610-218-12L05-4610-218-12              | WATERPURIFICATIONUNIT, VANTYPEBODYMTD, ED, AC, 115, 208V, SINGLEAND3PHASE, 60CYCLE1/ $\frac{1}{20}$ TO2HP, 1500GPH |          |
| MIL-L-2105                                  | LUBRICATINGOIL, GO   | 1000Hrs  |
| MIL-L-10324*MIL-L-2105                      | LUBRICATINGOIL, GOS  | 1000Hrs  |
| MIL-L-46167                                 | LUBRICATINGOIL, OEA  | 100Hrs   |
| MIL-G-10924                                 | GREASE, GAA  | 100Hrs   |
| ASTMD3496                                   | INSULATINGOIL, ELEC  | 1000Hrs  |
| P-D-680                                     | SOLVENT, SD-2  |          |
| TM5-4610-220-14                             | WATERPURIFICATIONEQUIPMENTSET, PORTABLE, 600GPH  |          |
| TM5-4610-221-12L05-4610-221-12**MIL-W-52482 | WATERPURIFICATIONUNIT, VANTYPEBODYMTD, ED, AC, 115/206V, SINGLE&3PHASE, 60CYCLE, 1/ $\frac{1}{20}$ TO2HP, 1500GPH  |          |
| MIL-L-2105                                  | LUBRICATINGOIL, GO   | 1000Hrs  |
| MIL-L-10324*MIL-L-2105                      | LUBRICATINGOIL, GOS  | 1000Hrs  |
| MIL-L-46167                                 | LUBRICATINGOIL, OEA  | 100Hrs   |
| MIL-G-10924                                 | GREASE, GAA  | 100Hrs   |
| 9150-00-261-8924                            | GREASE, PLUGVALVEACF   | 100Hrs   |
| ASTMD3496                                   | INSULATINGOIL, ELEC  | 1000Hrs  |

| DOCUMENT                         | EQUIPMENT NOMENCLATURE   |          |
|----------------------------------|--|----------|
| MIL SPECIFICATION                | DESCRIPTION  | INTERVAL |
| P-D-680                          | SOLVENT, SD-2  |          |
| TM5-4610-223-12L05-4610-223-12   | WATERPURIFICATIONUNIT, BASEMTD, ED, AC, 115, 206V, SINGLEPHASE&3PHASE, 60CY, 3000GPH |          |
| MIL-L-2105                       | LUBRICATINGOIL, GO   | 1000Hrs  |
| MIL-L-10324*MIL-L-2105           | LUBRICATINGOIL, GOS  | 1000Hrs  |
| MIL-L-46167                      | LUBRICATINGOIL, OEA  | 100Hrs   |
| MIL-G-10924                      | GREASE, GAA  | 100Hrs   |
| ASTMD3496                        | INSULATINGOIL, ELEC  | 1000Hrs  |
| 9150-00-261-8924                 | GREASE, PLUGVALVE  | 100Hrs   |
| P-D-680                          | SOLVENT, SD-2  |          |
| TM5-4610-228-13                  | WATERDISTRIBUTIONSYSTEM  |          |
| TM5-4930-227-12L05-4930-227-12   | TANKANDPUMPUNIT, LIQUIDDISPENSING, FORTUCKMOUNTING                                   |          |
| MIL-L-2104                       | LUBRICATINGOIL, OE/HDO   | 25Hrs    |
| MIL-L-46167                      | LUBRICATINGOIL, OEA  | 25Hrs    |
| MIL-G-10924                      | GREASE, GAA  | 500Hrs   |
| MIL-M-63004                      | LUBRICATINGOIL,  | 50Hrs    |
| P-D-680                          | SOLVENT, SD-2  |          |
| TM5-4930-228-12L05-4930-228-12   | TANKANDPUMPUNIT, LIQUIDDISPENSINGFORTUCKMOUNTING                                     |          |
| MIL-L-2104                       | LUBRICATINGOIL, OE/HDO   | 50Hrs    |
| MIL-L-46167                      | LUBRICATINGOIL, OEA  | 50Hrs    |
| MIL-G-10924                      | GREASE, GAA  | 100Hrs   |
| P-D-680                          | SOLVENT, SD-2  |          |
| TM10-4320-316-12L05-4320-316-12  | PUMP, CENTRIFUGAL, DED, SELF-PRIMING, 65GPMWATER, CLASSIII                           |          |
| MIL-L-2104                       | LUBRICATINGOIL, OE/HDO   | 100Hrs   |
| MIL-L-46167                      | LUBRICATINGOIL, OEA  | 100Hrs   |
| P-D-680                          | SOLVENT, SD-2  |          |
| TM10-4320-324-12L010-4320-324-12 | PUMPINGASSEMBLY, FLAMMABLELIQUID, BULKTRANSFER, DED, WHMTD, 350GPM, 275FTHD          |          |
| MIL-L-2104                       | LUBRICATINGOIL, OE/HDO   | 200Hrs   |
| MIL-L-46167                      | LUBRICATINGOIL, OEA  | 200Hrs   |
| MIL-G-10924                      | GREASE, GAA  | 3000Hrs  |
| P-D-680                          | SOLVENT, SD-2  |          |

**REMARKS:**

- \*MIL-L-46167 Replaced MIL-L-10295, Dated 15 Feb 74
- \*MIL-L-2105 Replaced MIL-L-10324, Dated 10 Feb 77
- \*MIL-L-2105 Replaced VV-L-751(85W/140), Dated 21 Mar 90
- \*DOD-G-24508 Replaced MIL-G-18709, Dated 26 Jan 83
- \*\*MIL-P-12620E Canceled
- \*\*MIL-P-14526A Suprerseded by MIL-P-17861
- \*\*MIL-P-52591 Canceled
- \*\*MIL-W-52482D Canceled

**INTERVAL:**

- BM - 100 Hrs, 1000 Miles or Bimonthly
- A - 1000 Hrs, 10,000 Miles, or Annually
- W - 50 Hrs, 500 Miles, or Weekly
- Q - Quarterly or 75 Hrs

**ABBREVIATIONS:**

- CY - Cycle
- DED - Diesel Engine Driven
- GED - Gasoline Engine Driven
- EMD - Electric Motor Driven
- ED - Electric Driven
- GPM - Gallon Per Minute
- GPH - Gallon Per Hour
- HP - Horse Power
- MTD - Mounted
- WH - Wheel

## Appendix B: Shelf Life Data from APC

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| SPEC         | LABN NSN  | CONTPROC | BATCH   | COMPDT   | RSLT   |
|--------------|---|----------|---|--|--|
| MIL-A-46153B | 3163 6850001817933 DLA40089C5374<br>3164 6850001817933 DLA40089C5224<br>3165 6850001817933 DLA40089C5374<br>2525 6850001817980 DLA40089C5802  |          | 1D<br>51789AF05<br>1E<br>12389EG-04   | 13-JAN-93<br>13-JAN-93<br>13-JAN-93<br>16-DEC-93   | PASS<br>PASS<br>PASS<br>PASS   |
| MIL-B-46176  | 521 9150010728379 DLA60083C0793<br>1702 9150011029455 DLA60083C0975<br>1704 9150011029455 DLA60082C0830<br>1705 9150011029455 DLA60082C1177<br>1707 9150011029455 DLA60082C1523<br>10159 9150011029455 DLA60082C1177<br>10160 9150011029455 DLA60082C1523<br>11347 9150011029455 DLA40087C5392<br>11348 9150011029455 DLA40088C5347   |          | 83010<br>1<br>82035<br>C4158D<br>GB112014<br>C-4158B<br>GB112014<br>GB097569<br>GB029597  | 20-OCT-93<br>22-NOV-93<br>22-NOV-93<br>22-NOV-93<br>22-NOV-93<br>28-JUL-93<br>28-JUL-93<br>01-SEP-93<br>01-SEP-93  | PASS<br>PASS<br>FAIL<br>PASS<br>FAIL<br>PASS<br>PASS<br>PASS<br>PASS   |
| MIL-B-46176A | 294 9150011029455 DLA40087C5392<br>3871 9150011029455 DLA60082C1177<br>4153 9150011029455 DLA60082C1523<br>6398 9150011029455<br>7546 9150011029455 DLA40087C5392<br>7576 9150011029455 DLA40086C5495<br>7578 9150011029455 DLA40086C5495<br>7693 9150011029455 DLA40087C5392<br>7710 9150011029455 DLA40088C5347<br>8805 9150011029455 DLA60083C0793<br>8806 9150011029455 DLA40090C5093<br>10722 9150011029455 DLA40088C5347<br>11159 9150011029455 DLA40090C5093<br>3305 9150011233152 DLA40091C5487<br>4772 9150011233152 DLA40091C5487<br>7570 9150011233152 DLA40091C5487 |          | GB087568<br>C4158D<br>112014<br>GB011687<br>BG097569<br>87100<br>86174<br>GB087567<br>GB029597<br>83010<br>GB050518<br>GB019595<br>GB010501<br>AA081020<br>AA081254<br>AA081020 | 15-OCT-93<br>10-FEB-93<br>03-FEB-93<br>21-APR-93<br>02-JUN-93<br>02-JUN-93<br>02-JUN-93<br>02-JUN-93<br>02-JUN-93<br>14-JUN-93<br>14-JUN-93<br>05-AUG-93<br>25-AUG-93<br>25-JAN-93<br>12-APR-93<br>13-MAY-93 | PASS<br>PASS<br>PASS<br>PASS<br>FAIL<br>PASS<br>PASS<br>PASS<br>FAIL<br>PASS<br>FAIL<br>PASS<br>PASS<br>PASS<br>PASS<br>PASS<br>PASS |
| MIL-G-10924D | 8524 9150001900905 DLA40087C5210<br>2579 9150001900907 DLA40088D0089<br>4461 9150001900907 DLA40087D0046<br>6994 9150001900907 DLA40087D0046<br>11806 9150001900907 DLA40088D0089<br>12316 9150009351017 DLA40088C0346  |          | 260063187<br>11-635-88<br>6-621-87<br>4-616-88<br>4-614-89<br>008   | 23-JUN-93<br>14-JAN-93<br>09-MAR-93<br>04-MAY-93<br>21-SEP-93<br>18-OCT-93   | PASS<br>FAIL<br>PASS<br>NONE<br>FAIL<br>PASS   |
| MIL-G-10924E | 10353 9150011977691 DLA40089D0073<br>339 9150011977692 DLA40090D0002<br>815 9150011977692 DLA40089D0073   |          | OLA001243<br>OLA004144<br>OLA001213   | 14-SEP-93<br>13-OCT-93<br>02-NOV-93  | FAIL<br>FAIL<br>PASS   |

|              |       |               |               |            |           |      |
|--------------|-------|---------------|---------------|------------|-----------|------|
|              | 1151  | 9150011977692 | DLA40089D0073 | OLA003047  | 08-NOV-93 | PASS |
|              | 2720  | 9150011977692 | DLA40089D0073 | OLA001157  | 20-DEC-93 | FAIL |
|              | 2721  | 9150011977692 | DLA40089D0073 | OLA001158  | 20-DEC-93 | FAIL |
|              | 2722  | 9150011977692 | DLA40090D0002 | OLA003281  | 20-DEC-93 | FAIL |
|              | 2723  | 9150011977692 | DLA40090D0002 | OLA003282  | 20-DEC-93 | FAIL |
|              | 9944  | 9150011977692 | DLA40090D0002 | OLA005026  | 13-JUL-93 | FAIL |
| MIL-G-10924F | 1956  |               | DLA40092D0035 | 211051     | 21-DEC-93 | PASS |
|              | 2351  |               | DLA40092D0035 | 211059     | 05-JAN-93 | PASS |
|              | 2352  |               | DLA40092D0035 | 211149     | 05-JAN-93 | PASS |
|              | 2828  |               | DLA40092D0035 | OLA 211160 | 21-JAN-93 | PASS |
|              | 2831  |               | DLA40092D0035 | OLA 211161 | 21-JAN-93 | PASS |
|              | 2832  |               | DLA40092D0035 | OLA 211162 | 21-JAN-93 | PASS |
|              | 2834  |               | DLA40092D0035 | OLA 211163 | 21-JAN-93 | PASS |
|              | 4063  |               | DLA40092D0035 | 212110     | 22-FEB-93 | PASS |
|              | 1014  | 9150011927692 | DLA40091D0017 | 108051     | 15-NOV-93 | PASS |
|              | 1015  | 9150011927692 | DLA40091D0017 | 107037     | 15-NOV-93 | PASS |
|              | 1016  | 9150011927692 | DLA40091D0017 | 108058     | 16-NOV-93 | PASS |
|              | 1017  | 9150011927692 | DLA40091D0017 | 108059     | 16-NOV-93 | SFU  |
|              | 4511  | 9150011977689 | DLA45192C5193 | H-8-92     | 19-MAR-93 | PASS |
|              | 4512  | 9150011977689 | DLA40092C5024 | OLA201121  | 19-MAR-93 | PASS |
|              | 6219  | 9150011977689 | DLA40091C5019 | OLA101203  | 26-APR-93 | PASS |
|              | 7814  | 9150011977689 | DLA40091C5019 | OLA102121  | 10-JUN-93 | PASS |
|              | 8116  | 9150011977689 | DLA40092C5024 | OLA201122  | 10-JUN-93 | PASS |
|              | 8292  | 9150011977689 | DLA40091C5019 | OLA104007  | 22-JUN-93 | PASS |
|              | 8293  | 9150011977689 | DLA40091C5019 | OLA101203  | 22-JUN-93 | PASS |
|              | 1678  | 9150011977690 | DLA40091C5285 | OLA104091  | 24-NOV-93 | PASS |
|              | 2030  | 9150011977690 | DLA40091C5053 | OLA012149  | 20-DEC-93 | PASS |
|              | 5255  | 9150011977690 | DLA40091C5053 | OLA012147  | 23-MAR-93 | PASS |
|              | 5805  | 9150011977690 | DLA40091C5053 | OLA012147  | 14-APR-93 | PASS |
|              | 5951  | 9150011977690 | DLA40091C5285 | OLA105068  | 23-APR-93 | PASS |
|              | 5952  | 9150011977690 | DLA40091C5285 | OLA105067  | 23-APR-93 | PASS |
|              | 5953  | 9150011977690 | DLA40091C5285 | OLA105066  | 23-APR-93 | PASS |
|              | 6061  | 9150011977690 | DLA40091C5053 | OLA012148  | 23-APR-93 | PASS |
|              | 9421  | 9150011977690 | DLA40091C5285 | OLA105117  | 01-SEP-93 | PASS |
|              | 9422  | 9150011977690 | DLA40091C5285 | OLA106061  | 08-SEP-93 | SFU  |
|              | 9423  | 9150011977690 | DLA40091C5285 | OLA105148  | 14-SEP-93 | SFU  |
|              | 9424  | 9150011977690 | DLA40091C5053 | OLA012147  | 14-SEP-93 | PASS |
|              | 9425  | 9150011977690 | DLA40091C5053 | OLA105113  | 16-SEP-93 | SFU  |
|              | 9426  | 9150011977690 | DLA40091C5053 | OLA104098  | 21-SEP-93 | SFU  |
|              | 9429  | 9150011977690 | DLA40091C5285 | OLA104266  | 21-SEP-93 | PASS |
|              | 11624 | 9150011977690 | DLA40091C5053 | 012148     | 23-SEP-93 | PASS |
|              | 11625 | 9150011977690 | DLA40091C5053 | 12149      | 29-SEP-93 | SFU  |
|              | 11626 | 9150011977690 | DLA40091C5285 | 104098     | 29-SEP-93 | SFU  |
|              | 11628 | 9150011977690 | DLA40091C5285 | 105113     | 30-SEP-93 | SFU  |
|              | 11689 | 9150011977690 | DLA40091C5053 | 012149     | 07-OCT-93 | FAIL |
|              | 574   | 9150011977691 | DLA40091D0017 | OLA105063  | 02-NOV-93 | PASS |
|              | 8610  | 9150011977691 | DLA40091D0017 | OLA104132  | 10-JUN-93 | PASS |
|              | 1679  | 9150011977692 | DLA40091D0017 | OLA107035  | 24-NOV-93 | PASS |
|              | 1680  | 9150011977692 | DLA40091D0017 | OLA106122  | 24-NOV-93 | PASS |

|      |               |               |            |           |      |
|------|---------------|---------------|------------|-----------|------|
| 1681 | 9150011977692 | DLA40091D0017 | OLA105116  | 29-NOV-93 | PASS |
| 1682 | 9150011977692 | DLA40091D0017 | OLA106228  | 29-NOV-93 | PASS |
| 1683 | 9150011977692 | DLA40091D0017 | OLA107040  | 29-NOV-93 | PASS |
| 1684 | 9150011977692 | DLA40091D0017 | OLA104148  | 29-NOV-93 | PASS |
| 2117 | 9150011977692 | DLA40091D0017 | OLA106225  | 13-DEC-93 | PASS |
| 2917 | 9150011977692 | DLA40092D0035 | 212015     | 26-JAN-93 | PASS |
| 2918 | 9150011977692 | DLA40092D0035 | 211164     | 26-JAN-93 | PASS |
| 3084 | 9150011977692 | DLA40092D0035 | OLA 212016 | 27-JAN-93 | PASS |
| 3085 | 9150011977692 | DLA40092D0035 | OLA 212017 | 27-JAN-93 | PASS |
| 3086 | 9150011977692 | DLA40092D0035 | OLA 212018 | 28-JAN-93 | PASS |
| 3087 | 9150011977692 | DLA40092D0035 | OLA 212019 | 28-JAN-93 | PASS |
| 3226 | 9150011977692 | DLA40092D0035 | 212020     | 02-FEB-93 | PASS |
| 3229 | 9150011977692 | DLA40092D0035 | 212096     | 02-FEB-93 | PASS |
| 3230 | 9150011977692 | DLA40092D0035 | 212095     | 03-FEB-93 | PASS |
| 4444 | 9150011977692 | DLA40092D0035 | OLA 212111 | 25-FEB-93 | PASS |
| 4445 | 9150011977692 | DLA40092D0035 | OLA 212108 | 25-FEB-93 | PASS |
| 4447 | 9150011977692 | DLA40092D0035 | OLA 301082 | 03-MAR-93 | PASS |
| 5253 | 9150011977692 | DLA40092D0035 | 301083     | 23-MAR-93 | PASS |
| 5254 | 9150011977692 | DLA40092D0035 | 301084     | 23-MAR-93 | PASS |
| 7574 | 9150011977692 | DLA40091D0017 | OLA107031  | 19-MAY-93 | PASS |
| 7894 | 9150011977692 | DLA40092D0035 | 304061     | 27-MAY-93 | PASS |
| 8022 | 9150011977692 | DLA40091D0017 | OLA104258  | 27-MAY-93 | PASS |
| 8024 | 9150011977692 | DLA40091D0017 | OLA102077  | 03-JUN-93 | SFU  |
| 8164 | 9150011977692 | DLA40091D0017 | OLA106160  | 18-JUN-93 | PASS |
| 8165 | 9150011977692 | DLA40091D0017 | OLA106159  | 18-JUN-93 | PASS |
| 8166 | 9150011977692 | DLA40091D0017 | OLA106163  | 18-JUN-93 | FAIL |
| 8530 | 9150011977692 | DLA40091D0017 | OLA105183  | 25-JUN-93 | PASS |
| 8531 | 9150011977692 | DLA40091D0017 | OLA106159  | 25-JUN-93 | PASS |
| 8532 | 9150011977692 | DLA40091D0017 | OLA107096  | 28-JUN-93 | PASS |
| 8534 | 9150011977692 | DLA40091D0017 | OLA107099  | 30-JUN-93 | FAIL |
| 8535 | 9150011977692 | DLA40091D0017 | OLA106161  | 01-JUL-93 | FAIL |
| 8536 | 9150011977692 | DLA40091D0017 | OLA105185  | 06-JUL-93 | PASS |
| 8537 | 9150011977692 | DLA40091D0017 | OLA105184  | 06-JUL-93 | PASS |
| 8538 | 9150011977692 | DLA40091D0017 | OLA105186  | 07-JUL-93 | FAIL |
| 8539 | 9150011977692 | DLA40091D0017 | OLA106157  | 09-JUL-93 | PASS |
| 8540 | 9150011977692 | DLA40091D0017 | OLA106015  | 09-JUL-93 | PASS |
| 8541 | 9150011977692 | DLA40091D0017 | OLA103105  | 12-JUL-93 | FAIL |
| 8542 | 9150011977692 | DLA40091D0017 | OLA106121  | 14-JUL-93 | PASS |
| 8543 | 9150011977692 | DLA40091D0017 | OLA105154  | 20-JUL-93 | FAIL |
| 8544 | 9150011977692 | DLA40091D0017 | OLA107031  | 16-JUL-93 | PASS |
| 8545 | 9150011977692 | DLA40091D0017 | OLA106055  | 19-JUL-93 | PASS |
| 8546 | 9150011977692 | DLA40091D0017 | OLA106012  | 19-JUL-93 | PASS |
| 8547 | 9150011977692 | DLA40091D0017 | OLA104096  | 21-JUL-93 | PASS |
| 8548 | 9150011977692 | DLA40091D0017 | OLA105152  | 30-JUL-93 | PASS |
| 8549 | 9150011977692 | DLA40091D0017 | OLA106018  | 23-JUL-93 | PASS |
| 8550 | 9150011977692 | DLA40091D0017 | OLA104005  | 23-JUL-93 | PASS |
| 8551 | 9150011977692 | DLA40091D0017 | OLA105155  | 29-JUL-93 | FAIL |
| 8552 | 9150011977692 | DLA40091D0017 | OLA107097  | 29-JUL-93 | PASS |
| 8553 | 9150011977692 | DLA40091D0017 | OLA105153  | 30-JUL-93 | FAIL |
| 8554 | 9150011977692 | DLA40091D0017 | OLA104008  | 03-AUG-93 | PASS |
| 8555 | 9150011977692 | DLA40091D0017 | OLA106013  | 03-AUG-93 | FAIL |

|       |               |               |           |           |      |
|-------|---------------|---------------|-----------|-----------|------|
| 8556  | 9150011977692 | DLA40091D0017 | OLA106016 | 04-AUG-93 | PASS |
| 8557  | 9150011977692 | DLA40091D0017 | OLA106053 | 10-AUG-93 | FAIL |
| 8558  | 9150011977692 | DLA40091D0017 | OLA106017 | 10-AUG-93 | PASS |
| 8559  | 9150011977692 | DLA40091D0017 | OLA104009 | 10-AUG-93 | PASS |
| 8560  | 9150011977692 | DLA40091D0017 | OLA102126 | 12-AUG-93 | FAIL |
| 8561  | 9150011977692 | DLA40091D0017 | OLA103070 | 12-AUG-93 | PASS |
| 8562  | 9150011977692 | DLA40091D0017 | OLA102079 | 13-AUG-93 | PASS |
| 8563  | 9150011977692 | DLA40091D0017 | OLA106014 | 17-AUG-93 | FAIL |
| 8564  | 9150011977692 | DLA40091D0017 | OLA103107 | 17-AUG-93 | PASS |
| 8565  | 9150011977692 | DLA40091D0017 | OLA104002 | 17-AUG-93 | PASS |
| 8566  | 9150011977692 | DLA40091D0017 | OLA104007 | 23-AUG-93 | PASS |
| 8567  | 9150011977692 | DLA40091D0017 | OLA106019 | 23-AUG-93 | FAIL |
| 8568  | 9150011977692 | DLA40091D0017 | OLA104004 | 23-AUG-93 | FAIL |
| 8569  | 9150011977692 | DLA40091D0017 | OLA106054 | 26-AUG-93 | PASS |
| 8570  | 9150011977692 | DLA40091D0017 | OLA104006 | 26-AUG-93 | PASS |
| 8571  | 9150011977692 | DLA40091D0017 | OLA107098 | 26-AUG-93 | SFU  |
| 8572  | 9150011977692 | DLA40091D0017 | OLA104092 | 30-AUG-93 | PASS |
| 8573  | 9150011977692 | DLA40091D0017 | OLA104093 | 30-AUG-93 | PASS |
| 8574  | 9150011977692 | DLA40091D0017 | OLA104097 | 30-AUG-93 | PASS |
| 8575  | 9150011977692 | DLA40091D0017 | OLA104095 | 07-SEP-93 | PASS |
| 8576  | 9150011977692 | DLA40091D0017 | OLA106222 | 03-SEP-93 | PASS |
| 8577  | 9150011977692 | DLA40091D0017 | OLA107100 | 03-SEP-93 | PASS |
| 9621  | 9150011977692 | DLA40091D0017 | OLA107094 | 15-SEP-93 | FAIL |
| 10354 | 9150011977692 | DLA40091D0017 | OLA101206 | 08-SEP-93 | FAIL |
| 10355 | 9150011977692 | DLA40091D0017 | OLA10158  | 08-SEP-93 | FAIL |
| 10764 | 9150011977692 | DLA40091D0017 | OLA106157 | 08-SEP-93 | PASS |
| 10782 | 9150011977692 | DLA40092D0035 | OLA211148 | 10-AUG-93 | PASS |
| 11160 | 9150011977692 | DLA40091D0017 | OLA106223 | 13-SEP-93 | PASS |
| 11809 | 9150011977692 | DLA40091D0017 | OLA104194 | 20-SEP-93 | PASS |
| 11810 | 9150011977692 | DLA40091D0017 | OLA104237 | 20-SEP-93 | PASS |
| 1734  | 9150011977693 | DLA40089C5390 | OLA006029 | 29-NOV-93 | PASS |
| 2534  | 9150011977693 | DLA45192C5273 | OLA208087 | 20-DEC-93 | PASS |
| 3344  | 9150011977693 | DLA40089C5390 | OLA006031 | 26-FEB-93 | PASS |
| 4158  | 9150011977693 | DLA40089C5390 | OLA006030 | 18-MAR-93 | PASS |
| 5087  | 9150011977693 | DLA40089C5390 | OLA006039 | 23-MAR-93 | FAIL |
| 6396  | 9150011977693 | DLA40089C5390 | 006039    | 28-APR-93 | FAIL |
| 10368 | 9150011977693 | DLA40089C5390 | OLA006043 | 26-JUL-93 | FAIL |
| 11338 | 9150011977693 | DLA40089C5390 | OLA006030 | 15-SEP-93 | FAIL |
| 11627 | 9150011977693 | DLA40089C5390 | 006035    | 30-SEP-93 | FAIL |
| 11629 | 9150011977693 | DLA40089C5390 | 6027      | 05-OCT-93 | PASS |

|              |       |               |               |        |           |      |
|--------------|-------|---------------|---------------|--------|-----------|------|
| MIL-H-46170B | 888   | 9150001116254 | DAKFL91AB106  | SB27   | 04-NOV-93 | PASS |
|              | 1746  | 9150001116254 | DLA40091C5527 | 1P     | 24-NOV-93 | FAIL |
|              | 1747  | 9150001116254 | DLA40087C5564 | 112053 | 24-NOV-93 | PASS |
|              | 1748  | 9150001116254 | DLA40091C5527 | 7M     | 24-NOV-93 | FAIL |
|              | 7459  | 9150001116254 | DLA40089C5372 | 78     | 02-JUN-93 | PASS |
|              | 7460  | 9150001116254 | DLA40084CF022 | B5136  | 02-JUN-93 | PASS |
|              | 8011  | 9150001116254 | DLA40090C5350 | 90-2   | 08-JUN-93 | PASS |
|              | 8466  | 9150001116254 | DLA45193MM356 | 42     | 01-JUN-93 | PASS |
|              | 10330 | 9150001116254 | DLA40091C5527 | 9P     | 04-AUG-93 | PASS |

|              |       |               |               |          |           |      |
|--------------|-------|---------------|---------------|----------|-----------|------|
|              | 10331 | 9150001116254 | DLA60083C1139 | 39       | 04-AUG-93 | PASS |
|              | 10332 | 9150001116254 | DLA40085CF010 | 86329    | 04-AUG-93 | PASS |
|              | 10333 | 9150001116254 | DLA40085CF010 | 86362    | 04-AUG-93 | PASS |
|              | 10334 | 9150001116254 | DLA40084CF022 | 85136E   | 04-AUG-93 | PASS |
|              | 10335 | 9150001116254 | DLA40084CF022 | 85136F   | 05-AUG-93 | PASS |
|              | 10336 | 9150001116254 | DLA40087C5564 | 103826   | 03-AUG-93 | PASS |
|              | 1722  | 9150001116256 | DLA40088C0897 | 89-2     | 24-NOV-93 | FAIL |
|              | 1743  | 9150001116256 | DLA40091C5208 | 91-2     | 03-DEC-93 | PASS |
|              | 1744  | 9150001116256 | DLA40089C5118 | QE-01    | 03-DEC-93 | FAIL |
|              | 2719  | 9150001116256 | DLA40091C5208 | 91-2     | 27-DEC-93 | PASS |
|              | 10370 | 9150001116256 | DLA40091C5207 | SB21     | 29-JUL-93 | PASS |
|              | 10783 | 9150001116256 | DLA40086C5570 | L-13E    | 02-SEP-93 | PASS |
|              | 11849 | 9150011580462 | DLA40086C5427 | 12E      | 22-SEP-93 | PASS |
| MIL-H-6083U  | 7454  | 9150009359808 | DLA40084CF192 | 9889D    | 02-JUN-93 | FAIL |
|              | 7457  | 9150009359808 | DLA40084CF027 | 60       | 02-JUN-93 | PASS |
| MIL-H-6083E  | 4617  | 9150009359807 | DLA40087C5565 | 95114    | 12-APR-93 | SFU  |
|              | 10545 | 9150009359807 | DLA40091C1602 | 3H       | 22-SEP-93 | PASS |
|              | 21    | 9150009359808 | DLA40091C5517 | 92-1     | 13-OCT-93 | PASS |
|              | 30001 | 9150009359808 | DLA40090C0564 | RE01     | 26-JAN-93 | PASS |
|              | 3380  | 9150009359808 | DLA40090C0564 | RE01     | 09-FEB-93 | PASS |
|              | 4119  | 9150009359808 | DLA40090C0564 | RE01     | 25-FEB-93 | PASS |
|              | 4764  | 9150009359808 | DLA40090C0564 | RE01     | 12-APR-93 | PASS |
|              | 6645  | 9150009359808 | DLA40090C0564 | RE01     | 07-APR-93 | PASS |
|              | 8523  | 9150009359808 | DLA40088C5302 | P102     | 25-JUN-93 | FAIL |
|              | 3833  | 9150009359809 | DLA40089C5095 | 87-2     | 22-MAR-93 | PASS |
|              | 4118  | 9150009359809 | DLA40089C5095 | 89-2     | 25-FEB-93 | PASS |
|              | 11346 | 9150009359809 | DLA40087C1265 | N101     | 07-SEP-93 | PASS |
|              | 11345 | 9150009359810 | DLA40089C5378 | QK03     | 07-SEP-93 | PASS |
|              | 11847 | 9150009359810 | DLA40089C5378 | QK-03    | 05-OCT-93 | PASS |
| MIL-L-14107C | 1755  | 9150002929687 | DLA40091MC877 | SA91     | 29-NOV-93 | PASS |
|              | 6175  | 9150002929687 | DLA40091C5523 | SJ10     | 06-APR-93 | PASS |
| MIL-L-2104C  | 10784 | 9150001866681 | DSA60075C1179 | 8210     | 19-AUG-93 | PASS |
|              | 7542  | 9150001889858 | DLA60080D1137 | 978      | 02-JUN-93 | PASS |
|              | 3000  | 9150001896729 | DLA40085D0057 | 4787     | 28-JAN-93 | PASS |
|              | 2522  | 9150001912772 | DLA40084D0077 | 200      | 21-DEC-93 | PASS |
|              | 11103 | 9150001912772 | DLA40091C5123 | 910271   | 24-AUG-93 | PASS |
|              | 11104 | 9150001912772 | DLA40091C5123 | 910305   | 24-AUG-93 | PASS |
|              | 11105 | 9150001912772 | DLA40091C5123 | 910263   | 24-AUG-93 | PASS |
| MIL-L-2104D  | 5483  | 9150001866668 |               | FN02450A | 07-APR-93 | SFU  |
|              | 10543 | 9150001866668 | DLA40087D0032 | 882969   | 05-AUG-93 | PASS |
|              | 1723  | 9150001889858 | DLA40090D0076 | 328      | 29-NOV-93 | PASS |
|              | 7577  | 9150001889858 | DLA40086D0077 | D628-87  | 02-JUN-93 | PASS |

|       |               |               |           |                |
|-------|---------------|---------------|-----------|----------------|
| 1355  | 9150001896729 | DLA40085D0042 | 2587      | 10-NOV-93 FAIL |
| 2041  | 9150001896729 | DLA40086D0080 | 99287     | 06-DEC-93 PASS |
| 2044  | 9150001896729 | DLA40086D0080 | 89127     | 06-DEC-93 PASS |
| 2565  | 9150001896729 | DLA40090D0075 | 90-55     | 27-JAN-93 PASS |
| 2567  | 9150001896729 | DLA40090D0075 | 90-52     | 27-JAN-93 PASS |
| 2571  | 9150001896729 | DLA40091C5156 | 426       | 26-JAN-93 PASS |
| 2572  | 9150001896729 | DLA40086D0078 | 554       | 26-JAN-93 PASS |
| 2573  | 9150001896729 | N0022890C3114 | 042414    | 26-JAN-93 PASS |
| 2580  | 9150001896729 | DLA40091C5156 | 451       | 26-JAN-93 PASS |
| 2582  | 9150001896729 | DLA40091C5156 | 411       | 27-JAN-93 PASS |
| 2688  | 9150001896729 | DLA40091C5156 | 00382     | 27-JAN-93 PASS |
| 2689  | 9150001896729 | DLA40089D0111 | 250       | 27-JAN-93 PASS |
| 2690  | 9150001896729 | DLA40091C5156 | 376       | 27-JAN-93 PASS |
| 2691  | 9150001896729 | DLA40091C5156 | 421       | 27-JAN-93 PASS |
| 2692  | 9150001896729 | DLA40089D0111 | 62        | 27-JAN-93 PASS |
| 2693  | 9150001896729 | DLA40089D0111 | 144       | 27-JAN-93 PASS |
| 2694  | 9150001896729 | DLA40090D0075 | 90-45     | 28-JAN-93 PASS |
| 12142 | 9150001896729 | DLA40085D0042 | 2587      | 06-OCT-93 FAIL |
| 2564  | 9150001912772 | DLA40087C5021 | 3         | 07-JAN-93 PASS |
| 2576  | 9150001912772 | DLA60082D1362 | F-3-6-16  | 27-JAN-93 PASS |
| 10548 | 9150011524117 | DLA40085CF012 | C-4345-C  | 16-AUG-93 PASS |
| 9427  | 9150011524118 | DLA40085CF012 | C4344E    | 25-JUN-93 PASS |
| 9428  | 9150011524118 | DLA40085C5210 | 2         | 25-JUN-93 PASS |
| 9552  | 9150011524118 | DLA40085C5210 | 2         | 01-JUL-93 PASS |
| 10249 | 9150011524118 | DLA40085C5210 | 2         | 10-AUG-93 PASS |
| 10250 | 9150011524118 | DLA40085CF012 | C-4344-E  | 10-AUG-93 PASS |
| 1721  | 9150011524119 | DLA40090D0075 | 90-47     | 22-NOV-93 PASS |
| 9244  | 9150011524119 | DLA40087D0062 | 871826    | 01-JUL-93 PASS |
| 11125 | 9150011524119 | DLA40087D0062 | 871826    | 26-AUG-93 PASS |
| 11850 | 9150011524119 | DLA40087D0062 | B882458   | 22-SEP-93 PASS |
| 12310 | 9150011773988 | DLA40086C5557 | 101C      | 07-OCT-93 FAIL |
| 570   | 9150011784726 | DLA40087C5508 | 1024-01   | 27-OCT-93 PASS |
| 571   | 9150011784726 | DLA40087C5508 | 0920-01   | 21-OCT-93 PASS |
| 572   | 9150011784726 | DLA40087C5508 | 0509-01   | 21-OCT-93 PASS |
| 573   | 9150011784726 | DLA40085C5621 | C-4422    | 21-OCT-93 PASS |
| 1720  | 9150011784726 | DLA40087C5100 | C-4496    | 22-NOV-93 PASS |
| 2508  | 9150011784726 | DLA40085C5621 | C-4422    | 16-DEC-93 PASS |
| 3832  | 9150011784726 | DLA40087C5100 | C-4496    | 22-MAR-93 PASS |
| 4620  | 9150011784726 | DLA40087C5508 | 0-238     | 08-APR-93 PASS |
| 7106  | 9150011784726 | DLA40087C5508 | LN1011-01 | 26-APR-93 PASS |
| 8767  | 9150011784726 | DLA40087C5508 | 0408-01   | 10-JUN-93 PASS |

|             |      |               |       |                |
|-------------|------|---------------|-------|----------------|
| MIL-L-2104E | 1287 | DLA45192D8030 | 92-23 | 24-NOV-93 PASS |
|             | 1291 | DLA45192D8030 | 92-25 | 24-NOV-93 PASS |
|             | 1295 | DLA45192D8030 | 92-24 | 02-DEC-93 PASS |
|             | 1296 | DLA45192D8030 | 92-14 | 02-DEC-93 PASS |
|             | 1297 | DLA45192D8030 | 92-22 | 02-DEC-93 PASS |
|             | 1299 | DLA45192D8030 | 92-19 | 02-DEC-93 PASS |
|             | 1302 | DLA45192D8030 | 92-27 | 02-DEC-93 PASS |
|             | 1304 | DLA45192D8030 | 92-28 | 02-DEC-93 PASS |

|       |                                |            |                |
|-------|--------------------------------|------------|----------------|
| 1307  | DLA45192D8030                  | 92-29      | 02-DEC-93 PASS |
| 1309  | DLA45192D8030                  | 92-30      | 07-DEC-93 PASS |
| 1312  | DLA45192D8030                  | 92-32      | 07-DEC-93 PASS |
| 1313  | DLA45192D8030                  | 92-31      | 07-DEC-93 PASS |
| 1314  | DLA45192D8030                  | 92-10      | 07-DEC-93 PASS |
| 1315  | DLA45192D8030                  | 92-02      | 07-DEC-93 PASS |
| 1317  | DLA45192D8030                  | 92-11      | 07-DEC-93 PASS |
| 1320  | DLA45192D8030                  | 92-13      | 07-DEC-93 PASS |
| 1321  | DLA45192D8030                  | 92-12      | 07-DEC-93 PASS |
| 1322  | DLA45192D8030                  | 92-01      | 07-DEC-93 PASS |
| 2183  | DLA45193D8043                  | 93-01      | 16-DEC-93 PASS |
| 2184  | DLA45193D8043                  | 93-02      | 21-DEC-93 PASS |
| 4436  | DLA40091D0094                  | 91-10      | 29-MAR-93 PASS |
| 4438  | DLA40091D0094                  | 91-14      | 29-MAR-93 PASS |
| 4439  | DLA40091D0094                  | 91-12      | 29-MAR-93 PASS |
| 4440  | DLA40091D0094                  | 91-05      | 29-MAR-93 PASS |
| 4441  | DLA40091D0094                  | 91-16      | 30-MAR-93 PASS |
| 4442  | DLA40091D0094                  | 91-15      | 29-MAR-93 PASS |
| 4443  | DLA40091D0094                  | 91-13      | 29-MAR-93 PASS |
| 2484  | 9150000359858 DLA40090D0075    | 9009       | 05-JAN-93 PASS |
| 11135 | 9150001524119 DLA40085C5209    | RA85256    | 01-SEP-93 PASS |
| 895   | 9150001866668 DLA40091C5137    | 90-51      | 02-NOV-93 PASS |
| 987   | 9150001866668 DLA40091C5137    | 90-53      | 10-NOV-93 PASS |
| 990   | 9150001866668 DLA40091C5137    | 90-50      | 10-NOV-93 PASS |
| 991   | 9150001866668 DLA40091C5137    | 90-51      | 16-NOV-93 PASS |
| 994   | 9150001866668 DLA40090D0076    | 384        | 16-NOV-93 PASS |
| 997   | 9150001866668 DLA40090C5258    | 89-41      | 04-NOV-93 PASS |
| 1007  | 9150001866668 DLA40091C5123    | 9105570335 | 10-NOV-93 PASS |
| 1753  | 9150001866668 DLA40091C5123    | 910327     | 29-NOV-93 PASS |
| 2482  | 9150001866668 DLA40090C5256    | 117        | 05-JAN-93 SFU  |
| 2485  | 9150001866668 DLA40090C5258    | 89-39      | 05-JAN-93 PASS |
| 3166  | 9150001866668 DLA40091D0095    | P-1750     | 12-JAN-93 PASS |
| 3167  | 9150001866668 DLA40091D0095    | P-1800     | 12-JAN-93 PASS |
| 3724  | 9150001866668 DLA40091D0095    | P-1850     | 04-FEB-93 PASS |
| 4768  | 9150001866668 DLA40091C5481    | 91/02      | 12-APR-93 PASS |
| 4769  | 9150001866668 D40091C5123      | 9104080040 | 12-APR-93 PASS |
| 4908  | 9150001866668 DLA40091C5481    | 91/02A     | 14-APR-93 PASS |
| 6168  | 9150001866668 DLA40091D0095    | CF893      | 14-APR-93 PASS |
| 6169  | 9150001866668 DLA40091D0095    | CF894      | 14-APR-93 PASS |
| 6623  | 9150001866668 DLA40091D0095001 | P-1750     | 29-APR-93 PASS |
| 6624  | 9150001866668 DLA40090D0075000 | 90-07      | 06-MAY-93 PASS |
| 7010  | 9150001866668 DLA40091D0095    | P-1850     | 22-APR-93 PASS |
| 8484  | 9150001866668 DLA40090D0076    | 225        | 09-JUN-93 SFU  |
| 8777  | 9150001866668 DLA40091D0095    | P-1800     | 11-JUN-93 PASS |
| 6101  | 9150001866681 DLA40091C1781    | C-4858     | 29-APR-93 PASS |
| 192   | 9150001889858 DLA40090D0075    | 90-27      | 20-OCT-93 PASS |
| 694   | 9150001889858 DLA40091C5124    | 304        | 21-OCT-93 PASS |
| 696   | 9150001889858 DLA40091C5124    | 305        | 21-OCT-93 PASS |
| 1589  | 9150001889858 DLA40090D0075    | 90-30      | 19-NOV-93 PASS |
| 1592  | 9150001889858 DLA40091C5124    | 304        | 19-NOV-93 PASS |
| 1593  | 9150001889858 DLA40091C5124    | 313        | 19-NOV-93 PASS |

|       |               |               |        |           |      |
|-------|---------------|---------------|--------|-----------|------|
| 4771  | 9150001889858 | DLA40091C1699 | 511    | 12-APR-93 | PASS |
| 4836  | 9150001889858 | DLA40090D0075 | 90-27  | 03-MAR-93 | PASS |
| 4837  | 9150001889858 | DLA40090D0075 | 9036   | 04-MAR-93 | PASS |
| 5204  | 9150001889858 | DLA40090D0075 | 90-36  | 24-MAR-93 | PASS |
| 5821  | 9150001889858 | DLA40091C5123 | 912222 | 07-APR-93 | PASS |
| 6065  | 9150001889858 | DLA40091C5124 | 310    | 08-APR-93 | PASS |
| 6066  | 9150001889858 | DLA40091C5124 | 313    | 08-APR-93 | PASS |
| 6067  | 9150001889858 | DLA40091C5124 | 314    | 08-APR-93 | PASS |
| 6069  | 9150001889858 | DLA40091D0075 | 90-30  | 08-APR-93 | PASS |
| 6431  | 9150001889858 | DLA40090D0075 | 90-36  | 13-APR-93 | PASS |
| 6476  | 9150001889858 | DLA40090C5256 | 170    | 29-APR-93 | PASS |
| 6625  | 9150001889858 | DLA40091C5123 | 912222 | 06-MAY-93 | PASS |
| 6626  | 9150001889858 | DLA40091C5123 | 910234 | 06-MAY-93 | PASS |
| 6627  | 9150001889858 |               |        | 06-MAY-93 | PASS |
| 6638  | 9150001889858 | DLA40090D0076 | 309    | 06-MAY-93 | SFU  |
| 6640  | 9150001889858 | DLA40091C5123 | 912034 | 06-MAY-93 | PASS |
| 7008  | 9150001889858 | DLA40090C5256 | 159    | 22-APR-93 | PASS |
| 7582  | 9150001889858 | D40091C5123   | 910234 | 02-JUN-93 | PASS |
| 8084  | 9150001889858 | DLA40090D0075 | 90-30  | 08-JUN-93 | PASS |
| 8664  | 9150001889858 | DLA40091C5124 | 308    | 08-JUN-93 | PASS |
| 8763  | 9150001889858 | DLA40090C5256 | 158    | 14-JUN-93 | PASS |
| 8764  | 9150001889858 | DLA40090C5256 | 183    | 14-JUN-93 | PASS |
| 8772  | 9150001889858 | DLA40090D0076 | 330    | 11-JUN-93 | PASS |
| 8776  | 9150001889858 | DLA40090D0075 | 90-33  | 11-JUN-93 | PASS |
| 8807  | 9150001889858 | DLA40091C5123 | 912222 | 10-JUN-93 | PASS |
| 10073 | 9150001889858 | DLA40091C5124 | 310    | 28-JUL-93 | PASS |
| 10074 | 9150001889858 | DLA40091C5124 | 314    | 30-JUL-93 | PASS |
| 10075 | 9150001889858 | DLA40091C5124 | 308    | 30-JUL-93 | PASS |
| 10356 | 9150001889858 | DLA40090D0076 | 300    | 10-AUG-93 | PASS |
| 10902 | 9150001889858 | DLA40091C5124 | 316    | 20-AUG-93 | PASS |
| 10903 | 9150001889858 | DLA40090D0076 | 328    | 20-AUG-93 | PASS |
| 2489  | 9150001889862 | DLA40090D0075 | 90-31  | 19-JAN-93 | PASS |
| 2909  | 9150001889862 | DLA40091C5124 | 379    | 28-JAN-93 | PASS |
| 2910  | 9150001889862 | DLA40091C5124 | 398    | 28-JAN-93 | PASS |
| 2912  | 9150001889862 | DLA40091C5124 | 393    | 28-JAN-93 | PASS |
| 2913  | 9150001889862 | DLA40091C5124 | 364    | 28-JAN-93 | PASS |
| 2914  | 9150001889862 | DLA40090D0075 | 90-28  | 28-JAN-93 | FAIL |
| 2915  | 9150001889862 | DLA40090D0075 | 90-31  | 28-JAN-93 | PASS |
| 2916  | 9150001889862 | DLA40090D0075 | 90-34  | 28-JAN-93 | PASS |
| 3267  | 9150001889862 | DLA40091C5124 | 417    | 25-JAN-93 | PASS |
| 3268  | 9150001889862 | DLA40091C5124 | 386    | 25-JAN-93 | PASS |
| 3269  | 9150001889862 | DLA40091C5124 | 393    | 25-JAN-93 | PASS |
| 3270  | 9150001889862 | DLA40091C5124 | 410    | 25-JAN-93 | PASS |
| 3279  | 9150001889862 | DLA40091C5124 | 405    | 27-JAN-93 | PASS |
| 3280  | 9150001889862 | DLA40091C5124 | 417    | 27-JAN-93 | PASS |
| 3352  | 9150001889862 | DLA40091C5124 | 371    | 03-FEB-93 | PASS |
| 3707  | 9150001889862 | DLA40090D0075 | 90-31  | 28-JAN-93 | PASS |
| 3715  | 9150001889862 | DLA40090D0075 | 90-34  | 01-FEB-93 | PASS |
| 3795  | 9150001889862 | DLA40089D0111 | 262    | 09-FEB-93 | PASS |
| 4622  | 9150001889862 | DLA40091C5124 | 398    | 23-FEB-93 | PASS |
| 5375  | 9150001889862 | DLA40090D0076 | 434    | 17-MAR-93 | PASS |

|       |               |               |        |                |
|-------|---------------|---------------|--------|----------------|
| 6870  | 9150001889862 | DLA40090D0075 | 90-31  | 11-MAY-93 PASS |
| 6871  | 9150001889862 | DLA40090C5256 | 290    | 11-MAY-93 PASS |
| 7234  | 9150001889862 | DLA40090D0076 | 442    | 26-APR-93 PASS |
| 7514  | 9150001889862 | DLA40091C5124 | 410    | 05-MAY-93 PASS |
| 7515  | 9150001889862 | DLA40091C5124 | 398    | 05-MAY-93 PASS |
| 7516  | 9150001889862 | DLA40091C5124 | 405    | 05-MAY-93 PASS |
| 9652  | 9150001889862 | DLA40091C5124 | 372    | 09-JUL-93 PASS |
| 10028 | 9150001889862 | DLA40091C5124 | 396    | 28-JUL-93 PASS |
| 38    | 9150001896729 | DLA40089D0111 | 256    | 07-OCT-93 PASS |
| 1481  | 9150001896729 | DLA40091C5123 | 10230  | 19-NOV-93 PASS |
| 2048  | 9150001896729 | DLA40091C5123 | 910409 | 06-DEC-93 PASS |
| 2050  | 9150001896729 | DLA40091C5123 | 10409  | 06-DEC-93 PASS |
| 2238  | 9150001896729 | DLA40089D0111 | 248    | 16-DEC-93 PASS |
| 2239  | 9150001896729 | DLA40089D0111 | 256    | 16-DEC-93 PASS |
| 2421  | 9150001896729 | DLA40091C5123 | 910421 | 15-DEC-93 PASS |
| 2490  | 9150001896729 | DLA40090D0075 | 90-43  | 19-JAN-93 PASS |
| 2646  | 9150001896729 | DLA40090D0076 | 483    | 23-DEC-93 PASS |
| 2732  | 9150001896729 | DLA40085D0057 | 4808   | 22-DEC-93 SFU  |
| 3264  | 9150001896729 | DLA40090D0076 | 478    | 25-JAN-93 PASS |
| 3265  | 9150001896729 | DLA40090D0076 | 477    | 25-JAN-93 PASS |
| 3266  | 9150001896729 | DLA40090D0076 | 467    | 25-JAN-93 PASS |
| 3271  | 9150001896729 | DLA40090D0076 | 498    | 25-JAN-93 PASS |
| 3277  | 9150001896729 | DLA40090D0076 | 493    | 26-JAN-93 PASS |
| 3278  | 9150001896729 | DLA40090D0076 | 490    | 26-JAN-93 PASS |
| 3286  | 9150001896729 | DLA40090D0076 | 462    | 27-JAN-93 PASS |
| 3348  | 9150001896729 | DLA40091C5123 | 910121 | 03-FEB-93 PASS |
| 3615  | 9150001896729 | DLA40090D0076 | 432    | 04-FEB-93 PASS |
| 3703  | 9150001896729 | DLA40089D0111 | 250    | 28-JAN-93 PASS |
| 3796  | 9150001896729 | DLA40091C5123 | 910159 | 11-FEB-93 PASS |
| 3797  | 9150001896729 | DLA40091C5123 | 910326 | 10-FEB-93 PASS |
| 3798  | 9150001896729 | DLA40091C5123 | 910326 | 08-FEB-93 PASS |
| 3990  | 9150001896729 | DLA40089D0111 | 259    | 22-MAR-93 PASS |
| 4290  | 9150001896729 | DLA40091C5123 | 910306 | 19-FEB-93 PASS |
| 4291  | 9150001896729 | DLA40091C5123 | 910214 | 19-FEB-93 PASS |
| 4765  | 9150001896729 | DLA40090D0075 | 90-54  | 12-APR-93 PASS |
| 4967  | 9150001896729 | DLA40091C5123 | 10214  | 04-MAR-93 PASS |
| 4968  | 9150001896729 | DLA40091C5123 | 10308  | 03-MAR-93 PASS |
| 4969  | 9150001896729 | DLA40091C5123 | 10306  | 03-MAR-93 PASS |
| 5191  | 9150001896729 | DLA40091C5123 | 10230  | 25-MAR-93 PASS |
| 5192  | 9150001896729 | DLA40091C5123 | 910301 | 19-MAR-93 PASS |
| 5194  | 9150001896729 | DLA40091C5123 | 10232  | 17-MAR-93 PASS |
| 5195  | 9150001896729 | DLA40091C5123 | 10301  | 17-MAR-93 PASS |
| 5196  | 9150001896729 | DLA40091C5123 | 10306  | 17-MAR-93 PASS |
| 6432  | 9150001896729 | DLA40090D0075 | 90-61  | 13-APR-93 PASS |
| 6433  | 9150001896729 | DLA40090D0075 | 90-62  | 13-APR-93 PASS |
| 6945  | 9150001896729 | DLA40090C5256 | 280    | 17-MAY-93 PASS |
| 6946  | 9150001896729 | DLA40090D0075 | 90-61  | 17-MAY-93 PASS |
| 7003  | 9150001896729 | DLA40090D0075 | 90-62  | 22-APR-93 PASS |
| 7005  | 9150001896729 | DLA40091C5123 | 910159 | 22-APR-93 PASS |
| 7171  | 9150001896729 | DLA40091C5123 | 910377 | 17-MAY-93 PASS |
| 7172  | 9150001896729 | DLA40091C5123 | 910378 | 17-MAY-93 PASS |

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|-------|---------------|---------------|--------|-----------|------|
| 7173  | 9150001896729 | DLA40091C5123 | 910271 | 17-MAY-93 | PASS |
| 7174  | 9150001896729 | DLA40091C5123 | 910159 | 17-MAY-93 | PASS |
| 7243  | 9150001896729 | DLA40090D0076 | 490    | 05-MAY-93 | PASS |
| 7341  | 9150001896729 | DLA40091C5123 | 910377 | 17-MAY-93 | PASS |
| 7342  | 9150001896729 | DLA40090D0075 | 90-62  | 18-MAY-93 | PASS |
| 7343  | 9150001896729 | DLA40091C5123 | 910378 | 19-MAY-93 | PASS |
| 7541  | 9150001896729 |               | 4807   | 26-MAY-93 | PASS |
| 7575  | 9150001896729 | DLA40090D0075 | 90-43  | 02-JUN-93 | PASS |
| 7701  | 9150001896729 | DLA40090D0075 | 90-61  | 02-JUN-93 | PASS |
| 7709  | 9150001896729 | DLA40091C5123 | 910377 | 02-JUN-93 | PASS |
| 9241  | 9150001896729 | DLA40090D0075 | 90-09  | 01-JUL-93 | PASS |
| 11106 | 9150001896729 | DLA40091C5123 | 910308 | 24-AUG-93 | PASS |
| 11107 | 9150001896729 | DLA40091C5123 | 910262 | 24-AUG-93 | PASS |
| 11108 | 9150001896729 | DLA40091C5123 | 910378 | 24-AUG-93 | PASS |
| 11109 | 9150001896729 | DLA40090D0075 | 90-57  | 31-AUG-93 | PASS |
| 11110 | 9150001896729 | DLA40091C5123 | 910159 | 24-AUG-93 | PASS |
| 11111 | 9150001896729 | DLA40091C5123 | 910232 | 24-AUG-93 | PASS |
| 11112 | 9150001896729 | DLA40090D0075 | 90-54  | 24-AUG-93 | PASS |
| 11126 | 9150001896729 | DLA40091C5123 | 910308 | 31-AUG-93 | PASS |
| 11127 | 9150001896729 | DLA40091C5123 | 910214 | 31-AUG-93 | PASS |
| 11128 | 9150001896729 | DLA40091C5123 | 910232 | 31-AUG-93 | PASS |
| 11129 | 9150001896729 | DLA40090D0076 | 301    | 31-AUG-93 | SFU  |
| 11130 | 9150001896729 | DLA40091C5123 | 910230 | 31-AUG-93 | PASS |
| 11131 | 9150001896729 | DLA40091C5123 | 910262 | 31-AUG-93 | PASS |
| 11132 | 9150001896729 | DLA40091C5123 | 910306 | 01-SEP-93 | PASS |
| 11190 | 9150001896729 | DLA40089D0111 | 264    | 26-AUG-93 | PASS |
| 11191 | 9150001896729 | DLA40091C5133 | 910214 | 26-AUG-93 | PASS |
| 11485 | 9150001896729 | DLA40091C5123 | 910230 | 02-SEP-93 | PASS |
| 12139 | 9150001896729 | DLA40089D0111 | 248    | 27-SEP-93 | PASS |
| 12140 | 9150001896729 | DLA40089D0111 | 253    | 27-SEP-93 | PASS |
| 12141 | 9150001896729 | DLA40089D0111 | 254    | 27-SEP-93 | PASS |
| 12143 | 9150001896729 | DLA40090C5256 | 271    | 27-SEP-93 | PASS |
| 12144 | 9150001896729 | DLA40090C5256 | 280    | 27-SEP-93 | PASS |
| 3281  | 9150001899862 | DLA40090D0076 | 442    | 27-JAN-93 | PASS |
| 3282  | 9150001899862 | DLA40090D0076 | 434    | 27-JAN-93 | PASS |
| 3283  | 9150001899862 | DLA40091C5124 | 398    | 27-JAN-93 | PASS |
| 2422  | 9150001912772 | DLA40091C5123 | 910522 | 15-DEC-93 | PASS |
| 3349  | 9150001912772 | DLA40090D0076 | 340    | 03-FEB-93 | PASS |
| 3794  | 9150001912772 | DLA40090D0076 | 339    | 08-FEB-93 | PASS |
| 6429  | 9150001912772 | DLA40090D0076 | 339    | 13-APR-93 | PASS |
| 6430  | 9150001912772 | DLA40090D0076 | 340    | 13-APR-93 | PASS |
| 6611  | 9150001912772 | DLA40089D0111 | 179    | 15-APR-93 | PASS |
| 7006  | 9150001912772 | DLA40090C5258 | 89-24  | 22-APR-93 | PASS |
| 7007  | 9150001912772 | DLA40090D0076 | 339    | 22-APR-93 | PASS |
| 7009  | 9150001912772 | DLA40090D0076 | 340    | 22-APR-93 | PASS |
| 7344  | 9150001912772 | DLA40091C5156 | 357    | 19-MAY-93 | PASS |
| 8161  | 9150001912772 | DLA40091C5123 | 910305 | 28-MAY-93 | PASS |
| 8521  | 9150001912772 | DLA40090D0076 | 319    | 08-JUN-93 | PASS |
| 11056 | 9150001912772 | DLA40090C5258 | 89-24  | 24-AUG-93 | PASS |
| 11133 | 9150001912772 | DLA40090D0076 | 319    | 01-SEP-93 | PASS |
| 11134 | 9150001912772 | DLA40091C5123 | 910215 | 01-SEP-93 | PASS |

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| 11184 | 9150001912772 | DLA40090D0075 | 90-29      | 27-AUG-93 | PASS |
| 11335 | 9150001912772 | DLA40089D0111 | 033        | 27-AUG-93 | PASS |
| 11336 | 9150001912772 | DLA40089D0111 | 021        | 27-AUG-93 | PASS |
| 11337 | 9150001912772 | DLA40089D0111 | 034        | 27-AUG-93 | PASS |
| 1002  | 9150011524118 | DLA40091C5123 | 9101900741 | 04-NOV-93 | PASS |
| 1003  | 9150011524118 | DLA40091C5123 | 9103950903 | 10-NOV-93 | PASS |
| 1021  | 9150011524118 | DLA40091C5123 | 910372     | 23-NOV-93 | PASS |
| 1023  | 9150011524118 | DLA40091C5123 | 910235     | 16-NOV-93 | PASS |
| 2496  | 9150011524118 | DLA40091D0088 | 080192     | 12-JAN-93 | PASS |
| 2497  | 9150011524118 | DLA40091D0088 | 210192     | 12-JAN-93 | PASS |
| 2504  | 9150011524118 | DLA40091D0088 | 040292     | 12-JAN-93 | PASS |
| 4426  | 9150011524118 | DLA40091D0096 | 920149661  | 26-FEB-93 | PASS |
| 4427  | 9150011524118 | DLA40091D0096 | 920119660  | 26-FEB-93 | PASS |
| 4428  | 9150011524118 | DLA40091D0096 | 920179662  | 26-FEB-93 | PASS |
| 4463  | 9150011524118 | DLA40091D0096 | 920439725  | 26-FEB-93 | PASS |
| 4766  | 9150011524118 | DLA40090C5256 | 227        | 12-APR-93 | PASS |
| 4767  | 9150011524118 | DLA40091C5123 | 910350     | 12-APR-93 | PASS |
| 5820  | 9150011524118 | DLA40090D0075 | 90-40      | 13-APR-93 | PASS |
| 6639  | 9150011524118 | DLA40091C5123 | 918880     | 06-MAY-93 | PASS |
| 8015  | 9150011524118 | DLA40091C5123 | 910190     | 08-JUN-93 | PASS |
| 10904 | 9150011524118 | DLA40091C5123 | 910235     | 20-AUG-93 | PASS |
| 359   | 9150011524119 | DLA40090C5256 | 294        | 20-OCT-93 | PASS |
| 814   | 9150011524119 | DLA40091D0088 | M2176E     | 27-OCT-93 | PASS |
| 2039  | 9150011524119 | DLA40089C5009 | 010        | 06-DEC-93 | PASS |
| 10720 | 9150011524119 | DLA40091C5123 | 910597     | 11-AUG-93 | PASS |
| 10778 | 9150011524119 | DLA40091C5123 | 910235     | 24-AUG-93 | PASS |
| 10779 | 9150011524119 | DLA40091C5123 | 918880     | 24-AUG-93 | PASS |
| 10994 | 9150011524119 | DLA40090D0075 | 90-48      | 19-AUG-93 | PASS |
| 11185 | 9150011524119 | DLA40090D0075 | 90-49      | 27-AUG-93 | PASS |
| 11186 | 9150011524119 | DLA40090D0075 | 90-48      | 27-AUG-93 | PASS |
| 11187 | 9150011524119 | DLA40089D0111 | 122        | 27-AUG-93 | PASS |
| 11188 | 9150011524119 | DLA40091C5123 | 918        | 26-AUG-93 | PASS |
| 11189 | 9150011524119 | DLA40091C5123 | 910395     | 26-AUG-93 | PASS |
| 12151 | 9150011524119 | DLA40091D0088 | M2170H     | 24-SEP-93 | PASS |
| 12320 | 9150011524119 | DLA40087D0062 | 882458     | 06-OCT-93 | PASS |
| 692   | 9150011773988 | DLA40089C5093 | 9132-02    | 21-OCT-93 | PASS |
| 9170  | 9150011773988 | DLA40089C5093 | 9138-01    | 23-JUN-93 | PASS |
| 10371 | 9150011773988 | DLA40090C5309 | 0184-01    | 28-JUL-93 | PASS |
| 2240  | 9150011784725 | DLA40091C5097 | 1045-01    | 16-DEC-93 | PASS |
| 2985  | 9150011784725 | DLA40091C5097 | 1031-01    | 19-JAN-93 | PASS |
| 2986  | 9150011784725 | DLA40091C5097 | 1037-01    | 20-JAN-93 | PASS |
| 3234  | 9150011784725 | DLA40090C5054 | 0026-01    | 19-JAN-93 | PASS |
| 3235  | 9150011784725 | DLA40090C5054 | 0058-01    | 19-JAN-93 | PASS |
| 3236  | 9150011784725 | DLA40090C5054 | 0046-01    | 20-JAN-93 | PASS |
| 3237  | 9150011784725 | DLA40090C5054 | 0037-01    | 19-JAN-93 | PASS |
| 3238  | 9150011784725 | DLA40090C5054 | 15         | 19-JAN-93 | PASS |
| 3346  | 9150011784725 | DLA40091C5097 | 1033-01    | 03-FEB-93 | PASS |
| 4005  | 9150011784725 | DLA40091C5097 | 1011-01    | 17-FEB-93 | PASS |
| 4773  | 9150011784725 | DLA40091C5097 | 1033-01    | 12-APR-93 | PASS |
| 4991  | 9150011784725 | DLA40091C5097 | 1024-01    | 14-APR-93 | PASS |
| 6343  | 9150011784725 | D40091C5097   | 1011-01    | 29-APP-93 | PASS |

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| 6400  | 9150011784725 | DLA40091C5097 | LN1058-01 | 29-APR-93 | PASS |
| 6643  | 9150011784725 | DLA40091C5097 | 1058-01   | 06-MAY-93 | PASS |
| 7535  | 9150011784725 | DLA40091C5097 | LN1053-01 | 02-JUN-93 | PASS |
| 10547 | 9150011784725 | DLA40090C5054 | 0124-01   | 16-AUG-93 | PASS |
| 887   | 9150011784726 | DLA40087C5508 | LN0509-01 | 03-NOV-93 | PASS |
| 1482  | 9150011784726 | DLA40091C5294 | 1098-01   | 19-NOV-93 | PASS |
| 1484  | 9150011784726 | DLA40091C5294 | 1098-01   | 19-NOV-93 | PASS |
| 4510  | 9150011784726 | DLA40087C5508 | 1011-01   | 26-FEB-93 | PASS |
| 7350  | 9150011784726 | DLA40091C5294 | 1116-01   | 12-MAY-93 | PASS |
| 11254 | 9150011784726 | DLA40091C5294 | 1098-01   | 27-AUG-93 | PASS |
| 10283 | 9150012309750 | DLA40091D0024 | 0266012   | 10-AUG-93 | PASS |

|             |       |               |               |         |           |      |
|-------------|-------|---------------|---------------|---------|-----------|------|
| MIL-L-2105C | 6212  | 9150010355393 | DLA40091D0064 | 549     | 28-APR-93 | PASS |
|             | 12453 | 9150010355393 | DLA40085C0988 | 141     | 20-OCT-93 | FAIL |
|             | 2563  | 9150010355394 | DLA60079D1003 | 4257    | 05-JAN-93 | PASS |
|             | 7948  | 9150010355394 | DLA60083C1066 | 387     | 02-JUN-93 | PASS |
|             | 10281 | 9150010355394 | DLA60083C1066 | 387     | 16-AUG-93 | PASS |
|             | 11183 | 9150010355394 | DLA60081C1060 | 8492    | 09-SEP-93 | PASS |
|             | 7544  | 9150010355395 | DLA60081C1251 | PA15007 | 02-JUN-93 | FAIL |
|             | 3159  | 9150010355396 | DLA40086C0265 | 5301    | 19-JAN-93 | PASS |
|             | 7543  | 9150010355396 | DLA40086C0265 | 5301    | 02-JUN-93 | PASS |

|             |       |               |               |           |           |      |
|-------------|-------|---------------|---------------|-----------|-----------|------|
| MIL-L-2105D | 9436  |               | DLA45193M9429 | C030593   | 06-JUL-93 | PASS |
|             | 9505  | 9150001818232 | DLA45192D0019 | 2160MP3   | 23-JUL-93 | PASS |
|             | 6218  | 9150010355391 | DLA40091M9067 | 728       | 16-APR-93 | PASS |
|             | 11349 | 9150010355391 |               | UNK       | 09-SEP-93 | FAIL |
|             | 1686  | 9150010355392 | DLA40089C0821 | 82289C    | 24-NOV-93 | PASS |
|             | 7352  | 9150010355392 |               | 5-601-89  | 19-MAY-93 | PASS |
|             | 10633 | 9150010355392 | DLA40089C0821 | 82289C    | 05-AUG-93 | PASS |
|             | 11156 | 9150010355392 | DLA40088MU661 | 103215    | 09-SEP-93 | PASS |
|             | 11157 | 9150010355392 | DLA40089C0821 | 82289C    | 03-SEP-93 | PASS |
|             | 892   | 9150010355393 | DLA40091D0012 | A171F38   | 02-NOV-93 | PASS |
|             | 893   | 9150010355393 | DLA40091D0012 | B0W90     | 02-NOV-93 | PASS |
|             | 985   | 9150010355393 | DLA40091D0062 | OLA109045 | 10-NOV-93 | FAIL |
|             | 1010  | 9150010355393 | DLA40091D0062 | B801005   | 16-NOV-93 | PASS |
|             | 1012  | 9150010355393 | DLA40091D0062 | OLA108238 | 24-NOV-93 | PASS |
|             | 1013  | 9150010355393 | DLA40091D0062 | OLA109046 | 24-NOV-93 | PASS |
|             | 1596  | 9150010355393 | DLA40091D0012 | 05-58     | 18-NOV-93 | FAIL |
|             | 1687  | 9150010355393 | DLA40091D0062 | B801002   | 23-NOV-93 | PASS |
|             | 1688  | 9150010355393 | DLA40091D0062 | B801003   | 23-NOV-93 | PASS |
|             | 1689  | 9150010355393 | DLA40091D0062 | B801001   | 23-NOV-93 | PASS |
|             | 2053  | 9150010355393 | DLA40091D0012 | 4-28      | 06-DEC-93 | PASS |
|             | 2483  | 9150010355393 | DLA4009070001 | 3865090   | 05-JAN-93 | FAIL |
|             | 3290  | 9150010355393 | DLA40091D0062 | B801006   | 27-JAN-93 | PASS |
|             | 3992  | 9150010355393 | DLA40090D0047 | 3412080   | 22-MAR-93 | FAIL |
|             | 4230  | 9150010355393 | DLA40091D0063 | OLA110201 | 18-FEB-93 | FAIL |
|             | 4911  | 9150010355393 | DLA40091D0062 | OLA110198 | 13-APR-93 | PASS |
|             | 4913  | 9150010355393 | DLA40091D0062 | OLA110199 | 13-APR-93 | PASS |
|             | 4914  | 9150010355393 | DLA40091D0062 | OLA110200 | 14-APR-93 | PASS |

|       |               |               |           |           |      |
|-------|---------------|---------------|-----------|-----------|------|
| 4917  | 9150010355393 | DLA40091D0062 | OLA110201 | 14-APR-93 | PASS |
| 5516  | 9150010355393 | DLA40090D0047 | 4920110   | 24-MAR-93 | FAIL |
| 5517  | 9150010355393 | DLA40090D0047 | 5245110   | 24-MAR-93 | FAIL |
| 5518  | 9150010355393 | DLA40090D0047 | 4450100   | 24-MAR-93 | FAIL |
| 5815  | 9150010355393 | DLA40091D0064 | 543       | 25-MAR-93 | PASS |
| 7734  | 9150010355393 | DLA40091D0064 | 540       | 27-MAY-93 | PASS |
| 8778  | 9150010355393 | DLA40091D0012 | 10-170    | 11-JUN-93 | PASS |
| 10078 | 9150010355393 | DLA40091D0062 | B201002   | 29-JUL-93 | PASS |
| 10079 | 9150010355393 | DLA40091D0064 | 551       | 29-JUL-93 | PASS |
| 10080 | 9150010355393 | DLA40091D0062 | B801007   | 29-JUL-93 | PASS |
| 10081 | 9150010355393 | DLA40091D0064 | 552       | 29-JUL-93 | PASS |
| 890   | 9150010355394 | DLA40090D0046 | 408       | 03-NOV-93 | PASS |
| 891   | 9150010355394 | DLA40091D0012 | 78        | 03-NOV-93 | PASS |
| 1685  | 9150010355394 | DLA40090D0047 | 3569080   | 24-NOV-93 | PASS |
| 3160  | 9150010355394 | DLA40090D0047 | 3569080   | 19-JAN-93 | FAIL |
| 3701  | 9150010355394 | DLA40088D0116 | 850       | 01-FEB-93 | FAIL |
| 3711  | 9150010355394 | DLA40091D0064 | 516       | 28-JAN-93 | PASS |
| 3712  | 9150010355394 | DLA40091D0064 | 520       | 01-FEB-93 | PASS |
| 3714  | 9150010355394 | DLA40091D0012 | 78        | 01-FEB-93 | PASS |
| 4196  | 9150010355394 | DLA40091D0012 | 38        | 17-FEB-93 | PASS |
| 4197  | 9150010355394 | DLA40091D0012 | 146       | 17-FEB-93 | PASS |
| 4198  | 9150010355394 | DLA40091D0012 | 3376091   | 17-FEB-93 | PASS |
| 4199  | 9150010355394 | DLA40091D0012 | 173       | 17-FEB-93 | FAIL |
| 4200  | 9150010355394 | DLA40091D0012 | 160       | 17-FEB-93 | PASS |
| 4201  | 9150010355394 | DLA40091D0012 | 59        | 17-FEB-93 | FAIL |
| 4202  | 9150010355394 | DLA40091D0012 | 108       | 17-FEB-93 | FAIL |
| 5948  | 9150010355394 | DLA40091D0064 | 537       | 06-APR-93 | PASS |
| 5949  | 9150010355394 | DLA40091D0064 | 525       | 06-APR-93 | PASS |
| 5950  | 9150010355394 | DLA40091D0064 | 536       | 06-APR-93 | PASS |
| 5999  | 9150010355394 | DLA40091D0063 | 3867101   | 20-APR-93 | SFU  |
| 7708  | 9150010355394 | DLA45192D0046 | 931093206 | 02-JUN-93 | PASS |
| 8248  | 9150010355394 | DLA40091D0012 | 38        | 07-JUN-93 | PASS |
| 8249  | 9150010355394 | DLA60091D0063 | 0100012   | 10-JUN-93 | PASS |
| 10030 | 9150010355394 | DLA40090D0047 | 3569080   | 22-JUL-93 | PASS |
| 11139 | 9150010355394 | DLA40090D0047 | 3569080   | 01-SEP-93 | PASS |
| 11851 | 9150010355394 | DLA40090D0047 | 3569 080  | 15-SEP-93 | PASS |
| 1901  | 9150010355395 | DLA40091C1290 | 913369468 | 16-DEC-93 | PASS |
| 2197  | 9150010355395 | DLA40091C5581 | 528       | 09-DEC-93 | PASS |
| 7545  | 9150010355395 | DLA40090C0655 | 136       | 02-JUN-93 | PASS |
| 4426  | 9150011524118 | DLA40091D0096 | 920149661 | 26-FEB-93 | PASS |
| 4427  | 9150011524118 | DLA40091D0096 | 920119660 | 26-FEB-93 | PASS |
| 4428  | 9150011524118 | DLA40091D0096 | 920179662 | 26-FEB-93 | PASS |
| 4463  | 9150011524118 | DLA40091D0096 | 920439725 | 26-FEB-93 | PASS |
| 4766  | 9150011524118 | DLA40090C5256 | 227       | 12-APR-93 | PASS |
| 4767  | 9150011524118 | DLA40091C5123 | 910350    | 12-APR-93 | PASS |
| 5820  | 9150011524118 | DLA40090D0075 | 90-40     | 13-APR-93 | PASS |
| 6639  | 9150011524118 | DLA40091C5123 | 918880    | 06-MAY-93 | PASS |
| 8015  | 9150011524118 | DLA40091C5123 | 910190    | 08-JUN-93 | PASS |
| 10904 | 9150011524118 | DLA40091C5123 | 910235    | 20-AUG-93 | PASS |
| 359   | 9150011524119 | DLA40090C5256 | 294       | 20-OCT-93 | PASS |
| 814   | 9150011524119 | DLA40091D0088 | M2176E    | 27-OCT-93 | PASS |

|       |               |               |           |           |      |
|-------|---------------|---------------|-----------|-----------|------|
| 2039  | 9150011524119 | DLA40089C5009 | 010       | 06-DEC-93 | PASS |
| 10720 | 9150011524119 | DLA40091C5123 | 910597    | 11-AUG-93 | PASS |
| 10778 | 9150011524119 | DLA40091C5123 | 910235    | 24-AUG-93 | PASS |
| 10779 | 9150011524119 | DLA40091C5123 | 910880    | 24-AUG-93 | PASS |
| 10994 | 9150011524119 | DLA40090D0075 | 90-48     | 19-AUG-93 | PASS |
| 11185 | 9150011524119 | DLA40090D0075 | 90-49     | 27-AUG-93 | PASS |
| 11186 | 9150011524119 | DLA40090D0075 | 90-48     | 27-AUG-93 | PASS |
| 11187 | 9150011524119 | DLA40089D0111 | 122       | 27-AUG-93 | PASS |
| 11188 | 9150011524119 | DLA40091C5123 | 918       | 26-AUG-93 | PASS |
| 11189 | 9150011524119 | DLA40091C5123 | 910395    | 26-AUG-93 | PASS |
| 12151 | 9150011524119 | DLA40091D0088 | M2170H    | 24-SEP-93 | PASS |
| 12320 | 9150011524119 | DLA40087D0062 | 882458    | 06-OCT-93 | PASS |
| 692   | 9150011773988 | DLA40089C5093 | 9132-02   | 21-OCT-93 | PASS |
| 9170  | 9150011773988 | DLA40089C5093 | 9138-01   | 23-JUN-93 | PASS |
| 10371 | 9150011773988 | DLA40090C5309 | 0184-01   | 28-JUL-93 | PASS |
| 2240  | 9150011784725 | DLA40091C5097 | 1045-01   | 16-DEC-93 | PASS |
| 2985  | 9150011784725 | DLA40091C5097 | 1031-01   | 19-JAN-93 | PASS |
| 2986  | 9150011784725 | DLA40091C5097 | 1037-01   | 20-JAN-93 | PASS |
| 3234  | 9150011784725 | DLA40090C5054 | 0026-01   | 19-JAN-93 | PASS |
| 3235  | 9150011784725 | DLA40090C5054 | 0058-01   | 19-JAN-93 | PASS |
| 3236  | 9150011784725 | DLA40090C5054 | 0046-01   | 20-JAN-93 | PASS |
| 3237  | 9150011784725 | DLA40090C5054 | 0037-01   | 19-JAN-93 | PASS |
| 3238  | 9150011784725 | DLA40090C5054 | 15        | 19-JAN-93 | PASS |
| 3346  | 9150011784725 | DLA40091C5097 | 1033-01   | 03-FEB-93 | PASS |
| 4005  | 9150011784725 | DLA40091C5097 | 1011-01   | 17-FEB-93 | PASS |
| 4773  | 9150011784725 | DLA40091C5097 | 1033-01   | 12-APR-93 | PASS |
| 4991  | 9150011784725 | DLA40091C5097 | 1024-01   | 14-APR-93 | PASS |
| 6343  | 9150011784725 | D40091C5097   | 1011-01   | 29-APR-93 | PASS |
| 6400  | 9150011784725 | DLA40091C5097 | LN1058-01 | 29-APR-93 | PASS |
| 6643  | 9150011784725 | DLA40091C5097 | 1058-01   | 06-MAY-93 | PASS |
| 7535  | 9150011784725 | DLA40091C5097 | LN1053-01 | 02-JUN-93 | PASS |
| 10547 | 9150011784725 | DLA40090C5054 | 0124-01   | 16-AUG-93 | PASS |
| 887   | 9150011784726 | DLA40087C5508 | LN0509-01 | 03-NOV-93 | PASS |
| 1482  | 9150011784726 | DLA40091C5294 | 1098-01   | 19-NOV-93 | PASS |
| 1484  | 9150011784726 | DLA40091C5294 | 1098-01   | 19-NOV-93 | PASS |
| 4510  | 9150011784726 | DLA40087C5508 | 1011-01   | 26-FEB-93 | PASS |
| 7350  | 9150011784726 | DLA40091C5294 | 1116-01   | 12-MAY-93 | PASS |
| 11254 | 9150011784726 | DLA40091C5294 | 1098-01   | 27-AUG-93 | PASS |
| 10283 | 9150012309750 | DLA40091D0024 | 0266012   | 10-AUG-93 | PASS |

|             |       |               |               |         |           |      |
|-------------|-------|---------------|---------------|---------|-----------|------|
| MIL-L-2105C | 6212  | 9150010355393 | DLA40091D0064 | 549     | 28-APR-93 | PASS |
|             | 12453 | 9150010355393 | DLA40085C0988 | 141     | 20-OCT-93 | FAIL |
|             | 2563  | 9150010355394 | DLA60079D1003 | 4257    | 05-JAN-93 | PASS |
|             | 7948  | 9150010355394 | DLA60083C1066 | 387     | 02-JUN-93 | PASS |
|             | 10281 | 9150010355394 | DLA60083C1066 | 387     | 16-AUG-93 | PASS |
|             | 11183 | 9150010355394 | DLA60081C1060 | 8492    | 09-SEP-93 | PASS |
|             | 7544  | 9150010355395 | DLA60081C1251 | PA15007 | 02-JUN-93 | FAIL |
|             | 3159  | 9150010355396 | DLA40086C0265 | 5301    | 19-JAN-93 | PASS |
|             | 7543  | 9150010355396 | DLA40086C0265 | 5301    | 02-JUN-93 | PASS |

|             |      |               |         |           |      |
|-------------|------|---------------|---------|-----------|------|
| MIL-L-2105D | 9436 | DLA45193M9429 | C030593 | 06-JUL-93 | PASS |
|-------------|------|---------------|---------|-----------|------|

|           |                                   |           |                |
|-----------|-----------------------------------|-----------|----------------|
| VV-G-671E | 2348 9150001900918 DLA40087MB909  | 1         | 06-JAN-93 PASS |
|           | 2118 9150002727652 DLA40089MA028  | 02        | 13-DEC-93 PASS |
| VV-L-800A | 9177 9150002316689 DLA60082C1136  | C-414B    | 06-JUL-93 PASS |
| VV-L-800C | 1583 9150002316689 DLA40092C5094  | C-4879    | 29-NOV-93 PASS |
|           | 2824 9150002316689 DLA40090MAE77  | C-4815    | 20-JAN-93 PASS |
|           | 3143 9150002316689 DLA40084CF042  | 31984W    | 20-JAN-93 PASS |
|           | 1818 9150002732389 DLA40090C0530  | 716       | 08-JAN-93 PASS |
|           | 2519 9150002812060 DLA40086C5074  | F-18361-E | 22-DEC-93 PASS |
|           | 2521 9150002812060 DLA40086C5074  | F-18361-D | 22-DEC-93 PASS |
|           | 6944 9150002812060 DLA40087C2167  | F-19057   | 17-MAY-93 PASS |
|           | 3614 9150004580075 DLA40091C5172  | 91591UK   | 16-FEB-93 PASS |
|           | 12317 9150004580075 DLA40084CF030 | 031084W   | 05-OCT-93 FAIL |
|           | 12318 9150004580075 DLA40086C5073 | 6188      | 07-OCT-93 FAIL |
|           | 5197 9150008368641 DLA40090C1909  | 724       | 30-MAR-93 PASS |

694 records selected.

UFI) exit

Specification : MIL-L-2104

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-186-6668 | 400-84-D-0077 | 115    | 00/00 | Failed, condemned, 1989 |
| 00-186-6668 | 400-89-D-0111 | 260    | 00/00 | Updated, 02/95          |
| 00-186-6668 | 400-89-D-0111 | 263    | 00/00 | Updated, 12/94          |
| 00-186-6668 | 400-90-C-5258 | 8921   | 05/90 | Updated, 05/94          |
| 00-186-6668 | 400-90-C-5258 | 8922   | 05/90 | Updated, 05/94          |
| 00-186-6668 | 400-90-C-5258 | 8924   | 05/90 | Updated, 04/94          |
| 00-186-6668 | 400-90-C-5258 | 8939   | 08/90 | Updated, 07/94          |
| 00-186-6668 | 400-90-C-5258 | 8940   | 08/90 | Updated, 07/94          |
| 00-186-6668 | 400-90-D-0075 | 9007   | 00/00 | Updated, 11/94          |
| 00-186-6668 | 400-90-D-0075 | 9008   | 10/90 | Updated, 12/94          |
| 00-186-6668 | 400-90-D-0075 | 9010   | 00/00 | Updated, 09/94          |
| 00-186-6668 | 400-90-D-0075 | 9041   | 01/91 | Updated, 03/95          |
| 00-186-6668 | 400-90-D-0076 | 216    | 00/00 | Updated, 01/95          |
| 00-186-6668 | 400-90-D-0076 | 357    | 02/91 | Updated, 02/95          |
| 00-186-6668 | 400-91-C-5123 | 910229 | 00/00 | Updated, 02/95          |
| 00-186-6668 | 400-91-C-5123 | 910408 | 03/91 | Updated, 03/95          |
| 00-186-6668 | 400-91-C-5123 | 910522 | 03/91 | Updated, 01/95          |
| 00-186-6668 | 600-79-C-1049 | 275    | 05/79 | Updated, 07/94          |
| 00-186-6668 | 600-83-D-1183 | 665    | 11/85 | Updated, 12/93          |
| 00-186-6668 | 600-83-D-1183 | 673    | 00/00 | Updated, 03/94          |
| 00-186-6668 | 600-83-D-1183 | 755    | 02/84 | Failed, condemned, 1992 |
| 00-186-6681 | 400-84-C-F141 | 4022   | 11/84 | Updated, 03/94          |
| 00-186-6681 | 400-86-C-5441 | C4444A | 08/86 | Updated, 04/94          |
| 00-186-6681 | 400-90-C-0046 | C4768  | 02/90 | Updated, 12/93          |
| 00-186-6681 | 400-90-C-1391 | C4800  | 08/90 | Updated, 12/93          |
| 00-186-6681 | 600-77-C-0692 | 2102   | 05/77 | Updated, 06/94          |
| 00-186-6681 | 600-77-C-0693 | 86     | 02/77 | Updated, 06/94          |
| 00-186-6681 | 600-77-C-1138 | 2517   | 08/77 | Failed, condemned, 1992 |
| 00-186-6681 | 600-79-C-0810 | 5718   | 05/79 | Updated, 06/94          |
| 00-186-6681 | 600-79-C-1512 | 211    | 11/79 | Updated, 06/94          |
| 00-186-6681 | 600-79-C-1512 | 242    | 11/79 | Updated, 06/94          |
| 00-186-6681 | 600-82-C-1357 | 2767   | 11/82 | Updated, 02/94          |
| 00-186-6729 | 400-91-C-5123 | 910308 | 00/00 | Updated, 04/95          |
| 00-188-6681 | 400-86-C-5441 | C4444B | 11/86 | Updated, 04/95          |
| 00-188-9858 | 400-84-D-0077 | 011    | 00/00 | Failed, condemned, 1989 |
| 00-188-9858 | 400-84-D-0077 | 100    | 11/81 | Failed, condemned, 1989 |
| 00-188-9858 | 400-84-D-0077 | 324    | 08/85 | Failed, condemned, 1987 |
| 00-188-9858 | 400-86-D-0082 | 268    | 00/00 | Failed, condemned, 1990 |
| 00-188-9858 | 400-89-D-0111 | 078    | 05/90 | Updated, 12/94          |
| 00-188-9858 | 400-89-D-0111 | 186    | 08/90 | Updated, 10/94          |
| 00-188-9858 | 400-90-C-5136 | 8913   | 02/90 | Updated, 09/94          |
| 00-188-9858 | 400-90-C-5136 | 8915   | 02/90 | Updated, 02/94          |
| 00-188-9858 | 400-90-C-5136 | 8916   | 02/90 | Updated, 02/94          |
| 00-188-9858 | 400-90-C-5185 | 080    | 00/00 | Updated, 05/94          |
| 00-188-9858 | 400-90-C-5185 | 084    | 00/00 | Updated, 05/94          |
| 00-188-9858 | 400-90-C-5185 | 086    | 00/00 | Updated, 05/94          |
| 00-188-9858 | 400-90-C-5185 | 089    | 05/90 | Updated, 05/94          |
| 00-188-9858 | 400-90-C-5185 | 92     | 00/00 | Updated, 02/95          |
| 00-188-9858 | 400-90-C-5256 | 159    | 08/90 | Updated, 08/94          |
| 00-188-9858 | 400-90-C-5256 | 170    | 08/90 | Updated, 11/94          |
| 00-188-9858 | 400-90-C-5256 | 176    | 08/90 | Updated, 09/94          |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-188-9858 | 400-90-C-5256 | 177    | 08/92 | Updated, 09/94          |
| 00-188-9858 | 400-90-C-5257 | 5257A  | 00/00 | Updated, 05/94          |
| 00-188-9858 | 400-90-C-5257 | 5257B  | 06/90 | Updated, 06/94          |
| 00-188-9858 | 400-90-D-0075 | 9027   | 01/91 | Failed, condemned, 1993 |
| 00-188-9858 | 400-90-D-0075 | 9030   | 01/91 | Updated, 03/95          |
| 00-188-9858 | 400-90-D-0075 | 9036   | 01/91 | Updated, 02/95          |
| 00-188-9858 | 400-91-C-5123 | 910216 | 02/91 | Updated, 03/95          |
| 00-188-9858 | 400-91-C-5123 | 910234 | 02/91 | Updated, 03/95          |
| 00-188-9858 | 400-91-C-5124 | 308    | 02/91 | Updated, 04/95          |
| 00-188-9858 | 400-91-C-5124 | 313    | 02/91 | Updated, 04/95          |
| 00-188-9858 | 400-91-C-5124 | 314    | 00/00 | Updated, 02/95          |
| 00-188-9858 | 400-91-C-5124 | 321    | 00/00 | Updated, 01/95          |
| 00-188-9858 | 400-91-C-5124 | 328    | 02/91 | Updated, 01/95          |
| 00-188-9858 | 600-81-D-1403 | 9701   | 00/00 | Failed, condemned, 1987 |
| 00-188-9858 | 600-82-D-1368 | 565    | 08/85 | Failed, condemned, 1989 |
| 00-188-9858 | 600-83-D-1183 | 768    | 02/84 | Failed, condemned, 1988 |
| 00-188-9862 | 400-84-D-0075 | 1375   | 02/85 | Updated, 06/94          |
| 00-188-9862 | 400-85-D-0079 | 3864   | 11/85 | Updated, 06/94          |
| 00-188-9862 | 400-85-D-0082 | 495    | 02/86 | Updated, 08/93          |
| 00-188-9862 | 400-88-D-0106 | 17     | 00/00 | Updated, 07/93          |
| 00-188-9862 | 400-89-D-0111 | 209    | 11/90 | Updated, 02/95          |
| 00-188-9862 | 400-89-D-0111 | 262    | 11/90 | Updated, 11/94          |
| 00-188-9862 | 400-89-D-0111 | 266    | 11/90 | Updated, 10/94          |
| 00-188-9862 | 400-89-D-0111 | 273    | 00/00 | Updated, 11/94          |
| 00-188-9862 | 400-89-D-0111 | 9214   | 00/00 | Updated, 11/94          |
| 00-188-9862 | 400-89-D-0111 | 971    | 00/00 | Updated, 11/93          |
| 00-188-9862 | 400-90-C-5256 | 276    | 11/90 | Updated, 11/93          |
| 00-188-9862 | 400-90-C-5258 | 8925   | 00/00 | Updated, 06/94          |
| 00-188-9862 | 400-90-C-5258 | 8926   | 05/90 | Updated, 04/94          |
| 00-188-9862 | 400-90-D-0075 | 9028   | 11/90 | Updated, 12/94          |
| 00-188-9862 | 400-90-D-0075 | 9031   | 01/91 | Updated, 01/95          |
| 00-188-9862 | 400-90-D-0076 | 291    | 02/91 | Updated, 01/95          |
| 00-188-9862 | 400-91-C-5124 | 371    | 02/91 | Updated, 02/95          |
| 00-188-9862 | 600-82-D-1368 | 410    | 00/00 | Failed, condemned, 1986 |
| 00-188-9865 | 600-79-C-0781 | 4994   | 05/79 | Failed, condemned, 1986 |
| 00-188-9867 | 400-88-C-2093 | 810    | 11/88 | Updated, 07/93          |
| 00-188-9867 | 400-89-C-0199 | 840    | 11/88 | Updated, 04/94          |
| 00-188-9867 | 600-82-D-1362 | T2121  | 00/00 | Updated, 08/94          |
| 00-189-6727 | 400-85-C-5211 | C4368A | 05/85 | Updated, 02/95          |
| 00-189-6727 | 400-85-C-5211 | C4368B | 05/85 | Updated, 08/94          |
| 00-189-6727 | 400-85-C-5211 | C4368C | 05/87 | Updated, 03/95          |
| 00-189-6727 | 400-87-C-H674 | C4517  | 00/00 | Failed, condemned, 1989 |
| 00-189-6727 | 600-83-C-1389 | C200   | 00/00 | Updated, 04/94          |
| 00-189-6729 | 400-84-D-0077 | 223    | 00/00 | Failed, condemned, 1989 |
| 00-189-6729 | 400-84-D-0077 | 999    | 11/84 | Updated, 06/94          |
| 00-189-6729 | 400-85-D-0057 | 4768   | 05/85 | Failed, condemned, 1987 |
| 00-189-6729 | 400-85-D-0057 | 4807   | 08/85 | Updated, 11/93          |
| 00-189-6729 | 400-85-D-0082 | 578    | 06/86 | Updated, 04/95          |
| 00-189-6729 | 400-86-C-5251 | 83096  | 11/86 | Updated, 07/93          |
| 00-189-6729 | 400-86-D-0078 | 64     | 12/86 | Updated, 10/93          |
| 00-189-6729 | 400-86-D-0080 | 871585 | 08/87 | Failed, condemned, 1992 |
| 00-189-6729 | 400-89-C-1044 | 317    | 00/00 | Updated, 01/94          |

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-189-6729 | 400-89-D-0111 | 112    | 00/00 | Updated, 08/94            |
| 00-189-6729 | 400-89-D-0111 | 131    | 05/90 | Updated, 08/94            |
| 00-189-6729 | 400-89-D-0111 | 144    | 08/90 | Updated, 11/94            |
| 00-189-6729 | 400-89-D-0111 | 146    | 08/90 | Updated, 09/94            |
| 00-189-6729 | 400-89-D-0111 | 192    | 08/90 | Updated, 07/94            |
| 00-189-6729 | 400-89-D-0111 | 197    | 08/90 | Updated, 04/95            |
| 00-189-6729 | 400-89-D-0111 | 205    | 08/90 | Updated, 03/95            |
| 00-189-6729 | 400-89-D-0111 | 208    | 08/90 | Updated, 08/94            |
| 00-189-6729 | 400-89-D-0111 | 210    | 08/90 | Updated, 07/94            |
| 00-189-6729 | 400-89-D-0111 | 244    | 00/00 | Updated, 03/95            |
| 00-189-6729 | 400-89-D-0111 | 250    | 11/90 | Updated, 03/95            |
| 00-189-6729 | 400-89-D-0111 | 253    | 11/90 | Updated, 12/94            |
| 00-189-6729 | 400-89-D-0111 | 254    | 11/90 | Updated, 12/94            |
| 00-189-6729 | 400-89-D-0111 | 259    | 00/00 | Updated, 12/94            |
| 00-189-6729 | 400-89-D-0111 | 261    | 11/90 | Updated, 08/94            |
| 00-189-6729 | 400-90-C-5256 | 268    | 11/90 | Updated, 12/94            |
| 00-189-6729 | 400-90-C-5256 | 271    | 00/00 | Updated, 12/94            |
| 00-189-6729 | 400-90-C-5256 | 280    | 00/00 | Updated, 03/95            |
| 00-189-6729 | 400-90-C-5258 | 8927   | 00/00 | Updated, 03/94            |
| 00-189-6729 | 400-90-C-5258 | 8942   | 07/90 | Updated, 07/94            |
| 00-189-6729 | 400-90-C-5258 | 8943   | 07/90 | Updated, 07/94            |
| 00-189-6729 | 400-90-C-5258 | 8944   | 07/90 | Updated, 07/94            |
| 00-189-6729 | 400-90-D-0075 | 9043   | 01/91 | Updated, 01/95            |
| 00-189-6729 | 400-90-D-0075 | 9054   | 02/91 | Failed but updated, 02/95 |
| 00-189-6729 | 400-90-D-0075 | 9055   | 02/91 | Updated, 05/95            |
| 00-189-6729 | 400-90-D-0075 | 9057   | 00/00 | Updated, 04/95            |
| 00-189-6729 | 400-90-D-0075 | 9058   | 03/91 | Updated, 03/95            |
| 00-189-6729 | 400-90-D-0075 | 9062   | 00/00 | Updated, 01/95            |
| 00-189-6729 | 400-91-C-5123 | 910121 | 00/00 | Updated, 04/95            |
| 00-189-6729 | 400-91-C-5123 | 910270 | 02/91 | Updated, 01/95            |
| 00-189-6729 | 400-91-C-5123 | 910306 | 02/91 | Updated, 02/95            |
| 00-189-6729 | 400-91-C-5123 | 910326 | 00/00 | Updated, 01/95            |
| 00-189-6729 | 400-91-C-5123 | 910377 | 00/00 | Updated, 05/95            |
| 00-189-6729 | 400-91-C-5123 | 910378 | 02/91 | Updated, 12/94            |
| 00-189-6729 | 600-79-C-0964 | 230    | 05/79 | Updated, 06/94            |
| 00-189-6729 | 600-79-C-1044 | 369    | 08/79 | Updated, 05/94            |
| 00-189-6729 | 600-79-C-1044 | 370    | 00/00 | Updated, 01/94            |
| 00-189-6729 | 600-79-C-1044 | 372    | 08/79 | Updated, 05/94            |
| 00-189-6729 | 600-81-C-0611 | 2889   | 05/81 | Updated, 05/94            |
| 00-189-6729 | 600-83-C-1389 | D200   | 00/00 | Updated, 04/94            |
| 00-189-6729 | 600-83-D-1188 | 829    | 00/00 | Failed, condemned, 1991   |
| 00-189-6729 | 600-84-D-0715 | 846    | 05/84 | Failed, condemned, 1988   |
| 00-191-2772 | 400-84-D-0077 | 153    | 00/00 | Failed, condemned, 1987   |
| 00-191-2772 | 400-84-D-0077 | 219    | 05/85 | Failed, condemned, 1988   |
| 00-191-2772 | 400-84-D-0077 | 225    | 00/00 | Failed, condemned, 1988   |
| 00-191-2772 | 400-84-D-0077 | 228    | 05/85 | Failed, condemned, 1988   |
| 00-191-2772 | 400-85-D-0082 | 469    | 02/86 | Failed, condemned, 1989   |
| 00-191-2772 | 400-85-D-0082 | 513    | 02/86 | Failed, condemned, 1988   |
| 00-191-2772 | 400-85-D-0082 | 542    | 05/86 | Updated, 03/94            |
| 00-191-2772 | 400-85-D-0082 | 561    | 05/86 | Updated, 02/94            |
| 00-191-2772 | 400-86-D-0080 | 15847  | 05/87 | Updated, 06/93            |
| 00-191-2772 | 400-86-D-0080 | 871568 | 07/87 | Failed, condemned, 1989   |

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-191-2772 | 400-86-D-0080 | 871584 | 08/87 | Failed, condemned, 1989   |
| 00-191-2772 | 400-86-D-0081 | 679    | 02/87 | Failed, condemned, 1990   |
| 00-191-2772 | 400-87-C-5021 | 1      | 00/00 | Updated, 07/94            |
| 00-191-2772 | 400-87-C-5021 | 2      | 03/87 | Updated, 10/94            |
| 00-191-2772 | 400-87-C-5021 | 4      | 00/00 | Updated, 05/95            |
| 00-191-2772 | 400-89-D-0111 | 01     | 02/90 | Updated, 12/94            |
| 00-191-2772 | 400-89-D-0111 | 010    | 02/90 | Updated, 12/94            |
| 00-191-2772 | 400-89-D-0111 | 039    | 02/90 | Updated, 06/94            |
| 00-191-2772 | 400-89-D-0111 | 075    | 05/90 | Updated, 05/94            |
| 00-191-2772 | 400-89-D-0111 | 105    | 05/90 | Updated, 06/94            |
| 00-191-2772 | 400-89-D-0111 | 110    | 05/90 | Updated, 05/94            |
| 00-191-2772 | 400-89-D-0111 | 121    | 00/00 | Updated, 08/94            |
| 00-191-2772 | 400-89-D-0111 | 126    | 00/00 | Updated, 01/95            |
| 00-191-2772 | 400-89-D-0111 | 135    | 08/89 | Updated, 06/94            |
| 00-191-2772 | 400-89-D-0111 | 143    | 08/90 | Updated, 08/94            |
| 00-191-2772 | 400-89-D-0111 | 154    | 08/89 | Updated, 07/94            |
| 00-191-2772 | 400-89-D-0111 | 171    | 08/89 | Updated, 01/95            |
| 00-191-2772 | 400-89-D-0111 | 174    | 08/90 | Updated, 08/94            |
| 00-191-2772 | 400-89-D-0111 | 181    | 00/00 | Updated, 11/94            |
| 00-191-2772 | 400-89-D-0111 | 267    | 11/90 | Updated, 12/94            |
| 00-191-2772 | 400-89-D-0111 | 986    | 00/00 | Updated, 07/93            |
| 00-191-2772 | 400-90-C-5258 | 8919   | 04/90 | Updated, 10/94            |
| 00-191-2772 | 400-90-C-5258 | 8920   | 04/90 | Updated, 05/94            |
| 00-191-2772 | 400-90-D-0075 | 9005   | 10/90 | Updated, 12/94            |
| 00-191-2772 | 400-90-D-0075 | 9008   | 10/90 | Updated, 12/94            |
| 00-191-2772 | 400-90-D-0075 | 9014   | 10/90 | Updated, 11/94            |
| 00-191-2772 | 400-90-D-0075 | 9029   | 12/90 | Updated, 03/95            |
| 00-191-2772 | 400-90-D-0075 | 9032   | 00/00 | Updated, 12/94            |
| 00-191-2772 | 400-90-D-0076 | 319    | 02/91 | Failed but updated, 02/95 |
| 00-191-2772 | 400-90-D-0076 | 339    | 02/91 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 415    | 02/91 | Updated, 12/94            |
| 00-191-2772 | 400-91-C-5123 | 910209 | 00/00 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 910244 | 02/91 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 910262 | 00/00 | Updated, 04/95            |
| 00-191-2772 | 400-91-C-5123 | 910302 | 00/00 | Updated, 05/95            |
| 00-191-2772 | 400-91-C-5123 | 910327 | 00/00 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 910522 | 00/00 | Updated, 02/95            |
| 00-191-2772 | 400-91-D-0095 | CP140  | 02/91 | Updated, 04/95            |
| 00-191-2772 | 400-91-D-0095 | P2100  | 02/92 | Updated, 08/94            |
| 00-191-2772 | 600-79-D-1400 | GRF1   | 00/00 | Failed, condemned         |
| 00-191-2772 | 600-80-D-1131 | HRU1   | 00/00 | Failed, condemned         |
| 00-191-2772 | 600-81-D-1406 | HLD1   | 00/00 | Failed, condemned         |
| 00-191-2772 | 600-83-D-1183 | 686    | 11/83 | Failed, condemned, 1989   |
| 00-191-2772 | 600-83-D-1183 | 788    | 05/84 | Failed, condemned, 1988   |
| 01-100-4612 | 400-84-C-F141 | 4023   | 05/85 | Failed, condemned, 1987   |
| 01-100-4612 | 600-82-C-1357 | 2490   | 02/82 | Failed, condemned, 1987   |
| 01-152-4117 | 400-84-C-F054 | C4295  | 00/00 | Updated, 12/94            |
| 01-152-4117 | 400-85-C-F012 | C4345C | 00/00 | Updated, 05/93            |
| 01-152-4117 | 400-86-C-2840 | C4459  | 00/00 | Updated, 12/94            |
| 01-152-4117 | 400-87-C-5121 | C4492  | 02/87 | Failed, condemned, 1989   |
| 01-152-4117 | 400-90-C-1363 | C4799  | 08/90 | Updated, 12/94            |
| 01-152-4118 | 400-84-C-F100 | 962    | 11/84 | Updated, 05/93            |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 01-152-4118 | 400-85-C-F012 | C4344  | 00/00 | Updated, 07/93          |
| 01-152-4118 | 400-85-C-F012 | C4344A | 11/84 | Updated, 05/93          |
| 01-152-4118 | 400-85-C-F102 | C4344B | 00/00 | Updated, 05/93          |
| 01-152-4118 | 400-85-C-F102 | C4344C | 11/84 | Updated, 05/93          |
| 01-152-4118 | 400-90-C-5256 | 226    | 00/00 | Updated, 12/94          |
| 01-152-4118 | 400-90-D-0075 | 9011   | 10/90 | Updated, 10/94          |
| 01-152-4118 | 400-90-D-0075 | 9012   | 00/00 | Updated, 10/94          |
| 01-152-4118 | 400-90-D-0076 | 235    | 11/90 | Updated, 03/95          |
| 01-152-4118 | 400-90-D-0076 | 240    | 00/00 | Updated, 10/94          |
| 01-152-4118 | 400-90-D-0076 | 335    | 02/91 | Updated, 02/95          |
| 01-152-4118 | 400-91-C-5123 | 910235 | 02/91 | Updated, 02/95          |
| 01-152-4118 | 400-91-C-5123 | 910350 | 02/91 | Updated, 03/95          |
| 01-152-4118 | 400-91-C-5123 | 910395 | 02/91 | Updated, 04/95          |
| 01-152-4119 | 400-86-D-0080 | 76066  | 00/00 | Updated, 05/93          |
| 01-152-4119 | 400-86-D-0080 | 77216  | 00/00 | Updated, 05/93          |
| 01-152-4119 | 400-86-D-0080 | 79386  | 00/00 | Failed, condemned, 1989 |
| 01-152-4119 | 400-86-D-0080 | 90057  | 00/00 | Failed, condemned, 1989 |
| 01-152-4119 | 400-86-D-0080 | 90057  | 00/00 | Failed, condemned, 1989 |
| 01-152-4119 | 400-89-D-0111 | 134    | 00/00 | Updated, 06/94          |
| 01-152-4119 | 400-89-D-0111 | 156    | 08/90 | Updated, 03/95          |
| 01-152-4119 | 400-89-D-0111 | 175    | 08/90 | Updated, 04/95          |
| 01-152-4119 | 400-89-D-0111 | 214    | 00/00 | Updated, 12/94          |
| 01-152-4119 | 400-89-D-0111 | 961    | 00/00 | Failed, condemned       |
| 01-152-4119 | 400-89-D-0111 | 970    | 11/89 | Failed, condemned, 1992 |
| 01-152-4119 | 400-91-C-5123 | 910597 | 03/91 | Updated, 02/95          |
| 01-152-4119 | 400-91-C-5123 | 910753 | 03/91 | Updated, 02/95          |
| 01-177-3988 | 400-86-C-5557 | 101    | 12/86 | Updated, 11/94          |
| 01-177-3988 | 400-86-C-5557 | 101A   | 00/00 | Failed, condemned, 1990 |
| 01-177-3988 | 400-86-C-5557 | 101B   | 00/00 | Failed, condemned, 1990 |
| 01-177-3988 | 400-86-C-5557 | 101C   | 12/86 | Failed, condemned, 1990 |
| 01-177-3988 | 400-87-C-5100 | C4496  | 05/87 | Updated, 04/94          |
| 01-177-3988 | 400-89-C-5093 | 913202 | 05/89 | Updated, 08/93          |
| 01-177-3988 | 400-89-C-5093 | 913801 | 05/91 | Updated, 03/95          |
| 01-177-3988 | 400-89-C-5093 | 913802 | 05/89 | Failed, condemned, 1992 |
| 01-177-3988 | 400-89-C-5093 | 914601 | 05/89 | Updated, 05/93          |
| 01-177-3988 | 400-90-C-5309 | 018401 | 00/00 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5309 | 018701 | 08/90 | Updated, 09/94          |
| 01-177-3988 | 400-90-C-5309 | 019801 | 08/90 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5309 | 021301 | 08/90 | Updated, 10/94          |
| 01-177-3988 | 400-90-C-5309 | 022001 | 08/90 | Updated, 11/94          |
| 01-177-3988 | 400-90-C-5309 | 022901 | 08/90 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5309 | 023901 | 08/90 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5475 | 031901 | 11/90 | Updated, 10/94          |
| 01-177-3988 | 400-90-C-5475 | 032301 | 11/90 | Updated, 12/94          |
| 01-177-3988 | 400-90-C-5475 | 033701 | 11/90 | Updated, 11/94          |
| 01-177-3988 | 400-90-C-5475 | 034701 | 11/90 | Updated, 12/94          |
| 01-177-3988 | 400-90-C-5477 | NC250  | 12/90 | Updated, 12/94          |
| 01-178-4725 | 400-86-C-1877 | 803G   | 00/00 | Updated, 06/93          |
| 01-178-4725 | 400-86-C-5581 | 105B   | 12/86 | Failed, condemned, 1991 |
| 01-178-4725 | 400-86-C-5581 | 105C   | 12/86 | Failed, condemned, 1990 |
| 01-178-4725 | 400-86-C-5581 | 2      | 12/86 | Updated, 01/94          |
| 01-178-4725 | 400-87-C-5100 | C4497  | 05/87 | Updated, 08/93          |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 01-178-4725 | 400-87-C-5459 | 154    | 08/87 | Updated, 02/94          |
| 01-178-4725 | 400-90-C-5054 | 000901 | 02/90 | Failed, condemned, 1992 |
| 01-178-4725 | 400-90-C-5054 | 002301 | 02/90 | Updated, 01/94          |
| 01-178-4725 | 400-90-C-5054 | 002601 | 02/90 | Updated, 02/94          |
| 01-178-4725 | 400-90-C-5054 | 003101 | 02/90 | Updated, 04/94          |
| 01-178-4725 | 400-90-C-5054 | 003701 | 02/90 | Updated, 03/94          |
| 01-178-4725 | 400-90-C-5054 | 004001 | 02/90 | Updated, 01/94          |
| 01-178-4725 | 400-90-C-5054 | 004601 | 02/90 | Updated, 01/94          |
| 01-178-4725 | 400-90-C-5054 | 009201 | 05/90 | Updated, 09/94          |
| 01-178-4725 | 400-90-C-5054 | 009601 | 00/00 | Updated, 09/94          |
| 01-178-4725 | 400-90-C-5054 | 010601 | 05/90 | Failed, condemned, 1992 |
| 01-178-4725 | 400-90-C-5054 | 010801 | 05/90 | Updated, 06/94          |
| 01-178-4725 | 400-90-C-5054 | 01236  | 02/90 | Updated, 11/94          |
| 01-178-4725 | 400-90-C-5054 | 012401 | 05/90 | Updated, 09/94          |
| 01-178-4725 | 400-90-C-5054 | 012901 | 05/90 | Updated, 05/94          |
| 01-178-4725 | 400-90-C-5054 | 013501 | 05/90 | Updated, 06/94          |
| 01-178-4725 | 400-90-C-5054 | 014301 | 00/00 | Updated, 09/94          |
| 01-178-4725 | 400-91-C-5079 | 103801 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 101101 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 102301 | 00/00 | Failed, condemned, 1993 |
| 01-178-4725 | 400-91-C-5097 | 102401 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 103101 | 02/91 | Updated, 04/95          |
| 01-178-4725 | 400-91-C-5097 | 103301 | 02/91 | Failed, condemned, 1993 |
| 01-178-4725 | 400-91-C-5097 | 103701 | 02/91 | Updated, 03/95          |
| 01-178-4725 | 400-91-C-5097 | 104401 | 02/91 | Updated, 03/95          |
| 01-178-4725 | 400-91-C-5097 | 104501 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 105301 | 02/91 | Updated, 01/95          |
| 01-178-4725 | 400-91-C-5097 | 105801 | 02/91 | Updated, 01/95          |
| 01-178-4726 | 400-86-C-5240 | 1      | 00/00 | Failed, condemned, 1992 |
| 01-178-4726 | 400-87-C-5100 | C4496  | 05/87 | Updated, 10/94          |
| 01-178-4726 | 400-87-C-5508 | 020801 | 03/88 | Updated, 03/95          |
| 01-178-4726 | 400-87-C-5508 | 030101 | 03/88 | Updated, 02/95          |
| 01-178-4726 | 400-87-C-5508 | 031501 | 03/90 | Updated, 06/94          |
| 01-178-4726 | 400-87-C-5508 | 032101 | 00/00 | Updated, 10/94          |
| 01-178-4726 | 400-87-C-5508 | 032401 | 00/00 | Updated, 07/94          |
| 01-178-4726 | 400-87-C-5508 | 033001 | 03/88 | Updated, 04/94          |
| 01-178-4726 | 400-87-C-5508 | 042201 | 05/88 | Updated, 03/94          |
| 01-178-4726 | 400-87-C-5508 | 050301 | 05/88 | Updated, 02/95          |
| 01-178-4726 | 400-87-C-5508 | 092001 | 09/88 | Updated, 02/94          |
| 01-178-4726 | 400-87-C-5508 | 100301 | 11/88 | Updated, 04/94          |
| 01-178-4726 | 400-91-C-5294 | 112101 | 05/91 | Updated, 03/95          |
| 01-178-4726 | 400-91-C-5294 | 112301 | 05/89 | Updated, 03/95          |
| 01-178-4726 | 400-91-M-6307 | 105601 | 02/91 | Failed, condemned, 1993 |

Specification: MIL-L-2105

|             |               |         |       |                         |
|-------------|---------------|---------|-------|-------------------------|
| 00-001-9395 | 400-86-C-1772 | 6158    | 00/00 | Updated, 06/93          |
| 00-001-9395 | 400-89-C-0987 | 889     | 05/89 | Failed, condemned, 1991 |
| 00-001-9395 | 400-90-C-1500 | 3412080 | 08/90 | Updated, 08/94          |
| 01-035-5390 | 400-89-M-6144 | 260989  | 02/89 | Updated, 06/93          |
| 01-035-5390 | 400-89-M-K963 | 760389  | 08/87 | Updated, 06/93          |
| 01-035-5390 | 400-90-C-1581 | B010001 | 11/90 | Updated, 10/94          |

|             |               |             |       |                    |      |
|-------------|---------------|-------------|-------|--------------------|------|
| 01-035-5391 | 400-84-C-F021 | B20020184   | 00/00 | Failed, condemned  |      |
| 01-035-5391 | 400-86-C-2252 | F61686      | 00/00 | Failed, condemned, | 1989 |
| 01-035-5391 | 400-89-M-0719 | 562689      | 05/89 | Updated, 07/93     |      |
| 01-035-5391 | 400-91-M-9066 | 728         | 01/91 | Updated, 02/95     |      |
| 01-035-5391 | 600-84-C-0651 | 317         | 11/83 | Failed, condemned, | 1986 |
| 01-035-5392 | 400-84-C-F108 | C4321       | 08/84 | Failed, condemned, | 1986 |
| 01-035-5392 | 400-87-M-F419 | C4518       | 05/87 | Failed, condemned, | 1991 |
| 01-035-5392 | 400-88-M-U661 | 103215      | 00/00 | Updated, 06/93     |      |
| 01-035-5392 | 400-89-C-0821 | 82289C      | 08/89 | Updated, 07/93     |      |
| 01-035-5392 | 400-89-M-H006 | 560189      | 00/00 | Updated, 06/93     |      |
| 01-035-5392 | 400-90-C-1023 | C4791       | 05/90 | Updated, 05/94     |      |
| 01-035-5393 | 400-90-C-5141 | 047         | 00/00 | Updated, 07/94     |      |
| 01-035-5393 | 400-90-C-5141 | 070         | 00/00 | Updated, 05/94     |      |
| 01-035-5393 | 400-90-C-5141 | 071         | 00/00 | Updated, 07/94     |      |
| 01-035-5393 | 400-90-C-5141 | 076         | 00/00 | Updated, 08/94     |      |
| 01-035-5393 | 400-90-C-5141 | 079         | 05/90 | Updated, 08/94     |      |
| 01-035-5393 | 400-90-D-0047 | 3412080     | 00/00 | Failed, condemned, | 1992 |
| 01-035-5393 | 400-90-D-0047 | 3865090     | 08/90 | Updated, 12/94     |      |
| 01-035-5393 | 400-90-D-0047 | 4450100     | 11/90 | Failed, condemned, | 1993 |
| 01-035-5393 | 400-90-D-0047 | 4920110     | 11/90 | Failed, condemned, | 1993 |
| 01-035-5393 | 400-90-D-0047 | 5245110     | 00/00 | Updated, 11/94     |      |
| 01-035-5393 | 400-91-D-0012 | 11261801    | 00/00 | Failed, condemned, | 1993 |
| 01-035-5393 | 400-91-D-0012 | B022F86     | 02/91 | Updated, 04/95     |      |
| 01-035-5393 | 600-80-D-1301 | 7356        | 00/00 | Failed, condemned  |      |
| 01-035-5394 | 400-84-D-0084 | B093894B938 | 03/85 | Updated, 07/94     |      |
| 01-035-5394 | 400-90-C-0681 | 051         | 02/90 | Updated, 12/93     |      |
| 01-035-5394 | 400-90-C-0681 | 102         | 05/90 | Updated, 05/94     |      |
| 01-035-5394 | 400-90-D-0047 | 3326080     | 08/90 | Updated, 07/94     |      |
| 01-035-5394 | 400-90-D-0047 | 4076090     | 08/90 | Failed, condemned, | 1993 |
| 01-035-5394 | 400-90-D-0047 | 4683100     | 11/90 | Updated, 04/95     |      |
| 01-035-5394 | 400-91-D-0012 | 56          | 03/91 | Failed, condemned, | 1993 |
| 01-035-5394 | 400-91-D-0012 | 59          | 01/91 | Updated, 02/95     |      |
| 01-035-5394 | 400-91-D-0012 | 75          | 00/00 | Failed, condemned, | 1993 |
| 01-035-5394 | 600-79-C-1150 | FRG1        | 08/79 | Updated, 03/95     |      |
| 01-035-5394 | 600-81-C-1059 | 655         | 00/00 | Failed, condemned, | 1992 |
| 01-035-5394 | 600-83-D-1400 | D1484       | 00/00 | Updated, 07/93     |      |
| 01-035-5395 | 400-88-C-1752 | 785         | 08/88 | Updated, 12/93     |      |
| 01-035-5395 | 400-89-C-0676 | 903         | 05/89 | Updated, 04/95     |      |
| 01-035-5395 | 400-89-C-1394 | 912         | 08/91 | Updated, 11/93     |      |
| 01-035-5395 | 400-90-C-0655 | 132         | 05/90 | Updated, 05/94     |      |
| 01-035-5395 | 400-90-C-0655 | 136         | 00/00 | Updated, 07/94     |      |
| 01-035-5395 | 400-90-M-D391 | 51590EE     | 00/00 | Updated, 06/94     |      |
| 01-035-5395 | 600-80-C-1312 | GL780       | 07/80 | Failed, condemned, | 1986 |
| 01-035-5396 | 400-85-C-0989 | 83122       | 00/00 | Updated, 07/94     |      |
| 01-035-5396 | 400-85-C-2481 | 83457       | 00/00 | Failed, condemned, | 1989 |
| 01-035-5396 | 400-86-C-0265 | 5618        | 05/86 | Updated, 08/93     |      |
| 01-035-5396 | 400-86-C-2252 | F62386A     | 00/00 | Failed, condemned, | 1990 |
| 01-035-5396 | 400-90-C-1279 | 2682060     | 00/00 | Updated, 05/94     |      |
| 01-035-5396 | 600-83-C-1152 | F3724       | 00/00 | Failed, condemned, | 1986 |
| 01-048-4591 | 400-84-C-F178 | C4340       | 11/84 | Updated, 04/94     |      |
| 01-048-4591 | 400-90-M-P462 | 52890LG     | 05/90 | Failed, condemned, | 1992 |

**Specification: MIL-L-3150**

|             |               |         |       |                |
|-------------|---------------|---------|-------|----------------|
| 00-231-2356 | 400-87-M-BF38 | 38      | 11/87 | Updated, 02/94 |
| 00-231-2356 | 400-87-M-BF38 | 39      | 00/00 | Updated, 05/94 |
| 00-231-2356 | 400-87-M-BF38 | 40      | 02/88 | Updated, 12/94 |
| 00-231-2356 | 400-88-C-0870 | 41      | 05/88 | Updated, 05/94 |
| 00-231-2356 | 400-90-C-0737 | 902     | 05/90 | Updated, 07/94 |
| 00-231-2356 | 400-90-C-0737 | 903     | 00/00 | Updated, 07/94 |
| 00-231-2357 | 400-85-C-5231 | 1508008 | 08/85 | Updated, 08/93 |
| 00-231-2361 | 400-88-C-2380 | 42      | 11/88 | Updated, 02/95 |
| 00-231-2361 | 400-89-C-0642 | 892     | 05/89 | Updated, 12/94 |
| 00-231-2361 | 600-74-C-1615 | 47      | 05/74 | Updated, 01/95 |

**Specification : MIL-G-4343**

|             |               |          |       |                           |
|-------------|---------------|----------|-------|---------------------------|
| 00-119-9291 | 400-90-M-A251 | GA030938 | 03/90 | Updated, 07/93            |
| 00-119-9291 | 400-90-M-X671 | GA080940 | 08/90 | Failed but updated, 11/94 |
| 00-119-9291 | 400-91-M-BZ20 | GA091956 | 00/00 | Updated, 02/95            |
| 00-119-9291 | 400-91-M-BZ20 | GA091956 | 09/91 | Updated, 02/95            |
| 00-188-9858 | 400-90-D-0075 | 9033     | 01/91 | Updated, 03/95            |
| 00-269-8255 | 400-84-M-F147 | F11548   | 08/84 | Failed, condemned, 1986   |
| 00-269-8255 | 400-84-M-F147 | F11665   | 08/84 | Failed, condemned, 1987   |
| 00-269-8255 | 400-84-M-F264 | F11871   | 08/84 | Updated, 12/93            |
| 00-269-8255 | 400-84-M-F264 | F11872   | 08/84 | Failed, condemned, 1987   |
| 00-269-8255 | 400-84-M-F264 | F11873   | 08/84 | Failed, condemned, 1986   |
| 00-269-8255 | 400-85-C-2914 | 22       | 08/85 | Updated, 05/95            |
| 00-269-8255 | 400-85-M-A527 | 20       | 02/85 | Updated, 11/93            |
| 00-269-8255 | 400-87-C-1503 | 29       | 05/87 | Failed but updated, 12/94 |
| 00-269-8255 | 400-87-M-4712 | 28       | 02/87 | Updated, 12/94            |
| 00-269-8255 | 400-87-M-5408 | 30       | 11/87 | Updated, 03/94            |
| 00-269-8255 | 400-89-C-5124 | 891      | 05/89 | Updated, 12/93            |
| 00-269-8255 | 400-89-C-5124 | 892      | 05/89 | Updated, 10/94            |
| 00-269-8255 | 400-91-C-5302 | GB051727 | 05/91 | Updated, 11/94            |
| 00-985-7245 | 400-89-M-R304 | 894      | 09/89 | Updated, 03/95            |
| 01-007-4384 | 400-91-M-J991 | 1916     | 04/91 | Updated, 02/95            |

**Specification: MIL-L-6081**

|             |               |         |       |                         |
|-------------|---------------|---------|-------|-------------------------|
| 00-231-6676 | 400-84-C-F133 | 9880    | 00/00 | Failed, condemned, 1989 |
| 00-231-6676 | 400-85-C-5086 | 1425    | 02/85 | Updated, 03/94          |
| 00-231-6676 | 400-85-C-5575 | 38301   | 04/86 | Updated, 09/95          |
| 00-231-6676 | 400-85-C-5575 | 38343   | 04/86 | Updated, 07/93          |
| 00-231-6676 | 400-86-C-5091 | 5157    | 02/86 | Updated, 03/95          |
| 00-231-6676 | 400-87-C-2993 | F19052C | 11/87 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052I | 12/87 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052K | 00/00 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052L | 00/00 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052M | 00/00 | Updated, 07/94          |
| 00-231-6676 | 400-87-C-2993 | F19052N | 02/88 | Updated, 05/94          |
| 00-231-6676 | 400-87-C-2993 | F19052Q | 02/88 | Updated, 05/94          |
| 00-231-6676 | 400-87-C-2993 | F19052R | 00/00 | Updated, 08/94          |
| 00-231-6676 | 400-87-C-2993 | F19052S | 02/88 | Updated, 08/94          |
| 00-231-6676 | 400-87-C-2993 | F19052U | 00/00 | Updated, 08/94          |
| 00-231-6676 | 400-87-C-5124 | 39253   | 00/00 | Updated, 04/95          |
| 00-231-6676 | 400-87-C-5124 | 39429   | 03/87 | Updated, 05/93          |

|             |               |         |       |                           |
|-------------|---------------|---------|-------|---------------------------|
| 00-231-6676 | 400-87-C-5124 | 39505   | 03/87 | Updated, 07/93            |
| 00-231-6676 | 400-87-C-5124 | 39544   | 04/87 | Updated, 05/93            |
| 00-231-6676 | 400-87-C-5124 | 39548   | 04/87 | Updated, 06/93            |
| 00-231-6676 | 400-88-C-5349 | F19245  | 10/88 | Updated, 08/95            |
| 00-231-6676 | 400-88-C-5349 | F19245C | 11/88 | Updated, 12/95            |
| 00-231-6676 | 400-88-C-5349 | F19245E | 11/88 | Updated, 12/94            |
| 00-231-6676 | 400-88-C-5349 | F19245F | 11/88 | Updated, 01/94            |
| 00-231-6676 | 400-88-C-5349 | F19245G | 11/88 | Updated, 10/94            |
| 00-231-6676 | 400-88-C-5349 | F19245H | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245I | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245K | 12/88 | Updated, 11/94            |
| 00-231-6676 | 400-88-C-5349 | F19245L | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245M | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245N | 00/00 | Updated, 06/94            |
| 00-231-6676 | 400-88-C-5349 | F19245P | 01/89 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19245Q | 01/89 | Updated, 01/94            |
| 00-231-6676 | 400-88-C-5349 | F19245R | 11/88 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19245T | 00/00 | Failed, condemned, 1992   |
| 00-231-6676 | 400-88-C-5349 | F19245U | 11/88 | Updated, 01/95            |
| 00-231-6676 | 400-88-C-5349 | F19245V | 01/90 | Updated, 04/95            |
| 00-231-6676 | 400-88-C-5349 | F19245W | 00/00 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19245X | 00/00 | Updated, 05/94            |
| 00-231-6676 | 400-88-C-5349 | F19245Y | 00/00 | Updated, 04/94            |
| 00-231-6676 | 400-88-C-5349 | F19245Z | 02/89 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19591H | 00/00 | Updated, 01/94            |
| 00-231-6676 | 400-88-C-5549 | F19245C | 00/00 | Failed, condemned         |
| 00-231-6676 | 400-89-C-5339 | F19591B | 03/90 | Updated, 04/96            |
| 00-231-6676 | 400-91-C-5143 | F19853A | 05/91 | Updated, 05/94            |
| 00-273-2388 | 400-84-C-F133 | 9882    | 11/84 | Updated, 06/94            |
| 00-273-2388 | 400-85-C-3035 | 28      | 11/85 | Updated, 05/95            |
| 00-273-2388 | 400-86-C-0543 | 30      | 05/86 | Updated, 06/95            |
| 00-273-2388 | 400-87-C-1607 | 89480   | 11/87 | Updated, 05/94            |
| 00-273-2388 | 400-88-C-1607 | 66989   | 02/89 | Updated, 02/95            |
| 00-273-2388 | 400-89-C-1842 | 117721  | 06/90 | Updated, 02/96            |
| 00-273-2388 | 400-90-C-1241 | 123480  | 02/91 | Updated, 06/95            |
| 00-273-2388 | 400-90-M-1207 | 117721  | 00/00 | Failed but updated, 05/96 |
| 00-273-2388 | 600-81-C-1215 | 9817    | 05/81 | Updated, 12/95            |
| 00-273-2388 | 600-83-C-0863 | 3707    | 05/83 | Updated, 04/94            |
| 00-273-8807 | 600-79-C-0800 | 36      | 02/79 | Updated, 11/94            |
| 00-273-8807 | 600-79-C-0874 | 37      | 05/79 | Updated, 05/95            |
| 00-273-8807 | 600-81-C-0835 | 9167    | 08/81 | Updated, 08/94            |
| 00-273-8807 | 600-81-C-1215 | 9824    | 05/81 | Updated, 04/95            |
| 00-273-8807 | 600-81-C-1215 | 9826    | 05/81 | Failed, condemned, 1986   |
| 00-273-8807 | 600-81-C-1260 | 1022    | 11/81 | Updated, 03/95            |
| 00-273-8807 | 600-81-C-1260 | 9811    | 12/81 | Updated, 01/96            |
| 00-273-8810 | 600-80-C-1453 | GRT1    | 11/80 | Updated, 04/96            |
| 00-273-8810 | 600-82-C-1135 | 1LY1    | 05/82 | Updated, 06/94            |

Specification: MIL-H-6083

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-159-4472 | 400-87-M-7214 | 22687H | 00/00 | Failed, condemned, 1989 |
| 00-159-4472 | 400-87-M-Y372 | H2468L | 08/87 | Updated, 05/94          |
| 00-159-4472 | 400-89-M-3943 | 22889D | 02/89 | Updated, 05/93          |

## Appendix C: Shelf Life Data from SAALC

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| Specification : MIL-L-2104 |               |        |       |                    |      |
|----------------------------|---------------|--------|-------|--------------------|------|
| 00-186-6668                | 400-84-D-0077 | 115    | 00/00 | Failed, condemned, | 1989 |
| 00-186-6668                | 400-89-D-0111 | 260    | 00/00 | Updated, 02/95     |      |
| 00-186-6668                | 400-89-D-0111 | 263    | 00/00 | Updated, 12/94     |      |
| 00-186-6668                | 400-90-C-5258 | 8921   | 05/90 | Updated, 05/94     |      |
| 00-186-6668                | 400-90-C-5258 | 8922   | 05/90 | Updated, 05/94     |      |
| 00-186-6668                | 400-90-C-5258 | 8924   | 05/90 | Updated, 04/94     |      |
| 00-186-6668                | 400-90-C-5258 | 8939   | 08/90 | Updated, 07/94     |      |
| 00-186-6668                | 400-90-C-5258 | 8940   | 08/90 | Updated, 07/94     |      |
| 00-186-6668                | 400-90-D-0075 | 9007   | 00/00 | Updated, 11/94     |      |
| 00-186-6668                | 400-90-D-0075 | 9008   | 10/90 | Updated, 12/94     |      |
| 00-186-6668                | 400-90-D-0075 | 9010   | 00/00 | Updated, 09/94     |      |
| 00-186-6668                | 400-90-D-0075 | 9041   | 01/91 | Updated, 03/95     |      |
| 00-186-6668                | 400-90-D-0076 | 216    | 00/00 | Updated, 01/95     |      |
| 00-186-6668                | 400-90-D-0076 | 357    | 02/91 | Updated, 02/95     |      |
| 00-186-6668                | 400-91-C-5123 | 910229 | 00/00 | Updated, 02/95     |      |
| 00-186-6668                | 400-91-C-5123 | 910408 | 03/91 | Updated, 03/95     |      |
| 00-186-6668                | 400-91-C-5123 | 910522 | 03/91 | Updated, 01/95     |      |
| 00-186-6668                | 600-79-C-1049 | 275    | 05/79 | Updated, 07/94     |      |
| 00-186-6668                | 600-83-D-1183 | 665    | 11/85 | Updated, 12/93     |      |
| 00-186-6668                | 600-83-D-1183 | 673    | 00/00 | Updated, 03/94     |      |
| 00-186-6668                | 600-83-D-1183 | 755    | 02/84 | Failed, condemned, | 1992 |
| 00-186-6681                | 400-84-C-F141 | 4022   | 11/84 | Updated, 03/94     |      |
| 00-186-6681                | 400-86-C-5441 | C4444A | 08/86 | Updated, 04/94     |      |
| 00-186-6681                | 400-90-C-0046 | C4768  | 02/90 | Updated, 12/93     |      |
| 00-186-6681                | 400-90-C-1391 | C4800  | 08/90 | Updated, 12/93     |      |
| 00-186-6681                | 600-77-C-0692 | 2102   | 05/77 | Updated, 06/94     |      |
| 00-186-6681                | 600-77-C-0693 | 86     | 02/77 | Updated, 06/94     |      |
| 00-186-6681                | 600-77-C-1138 | 2517   | 08/77 | Failed, condemned, | 1992 |
| 00-186-6681                | 600-79-C-0810 | 5718   | 05/79 | Updated, 06/94     |      |
| 00-186-6681                | 600-79-C-1512 | 211    | 11/79 | Updated, 06/94     |      |
| 00-186-6681                | 600-79-C-1512 | 242    | 11/79 | Updated, 06/94     |      |
| 00-186-6681                | 600-82-C-1357 | 2767   | 11/82 | Updated, 02/94     |      |
| 00-186-6729                | 400-91-C-5123 | 910308 | 00/00 | Updated, 04/95     |      |
| 00-188-6681                | 400-86-C-5441 | C4444B | 11/86 | Updated, 04/95     |      |
| 00-188-9858                | 400-84-D-0077 | 011    | 00/00 | Failed, condemned, | 1989 |
| 00-188-9858                | 400-84-D-0077 | 100    | 11/81 | Failed, condemned, | 1989 |
| 00-188-9858                | 400-84-D-0077 | 324    | 08/85 | Failed, condemned, | 1987 |
| 00-188-9858                | 400-86-D-0082 | 268    | 00/00 | Failed, condemned, | 1990 |
| 00-188-9858                | 400-89-D-0111 | 078    | 05/90 | Updated, 12/94     |      |
| 00-188-9858                | 400-89-D-0111 | 186    | 08/90 | Updated, 10/94     |      |
| 00-188-9858                | 400-90-C-5136 | 8913   | 02/90 | Updated, 09/94     |      |
| 00-188-9858                | 400-90-C-5136 | 8915   | 02/90 | Updated, 02/94     |      |
| 00-188-9858                | 400-90-C-5136 | 8916   | 02/90 | Updated, 02/94     |      |
| 00-188-9858                | 400-90-C-5185 | 080    | 00/00 | Updated, 05/94     |      |
| 00-188-9858                | 400-90-C-5185 | 084    | 00/00 | Updated, 05/94     |      |
| 00-188-9858                | 400-90-C-5185 | 086    | 00/00 | Updated, 05/94     |      |
| 00-188-9858                | 400-90-C-5185 | 089    | 05/90 | Updated, 05/94     |      |
| 00-188-9858                | 400-90-C-5185 | 92     | 00/00 | Updated, 02/95     |      |
| 00-188-9858                | 400-90-C-5256 | 159    | 08/90 | Updated, 08/94     |      |
| 00-188-9858                | 400-90-C-5256 | 170    | 08/90 | Updated, 11/94     |      |
| 00-188-9858                | 400-90-C-5256 | 176    | 08/90 | Updated, 09/94     |      |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-188-9858 | 400-90-C-5256 | 177    | 08/92 | Updated, 09/94          |
| 00-188-9858 | 400-90-C-5257 | 5257A  | 00/00 | Updated, 05/94          |
| 00-188-9858 | 400-90-C-5257 | 5257B  | 06/90 | Updated, 06/94          |
| 00-188-9858 | 400-90-D-0075 | 9027   | 01/91 | Failed, condemned, 1993 |
| 00-188-9858 | 400-90-D-0075 | 9030   | 01/91 | Updated, 03/95          |
| 00-188-9858 | 400-90-D-0075 | 9036   | 01/91 | Updated, 02/95          |
| 00-188-9858 | 400-91-C-5123 | 910216 | 02/91 | Updated, 03/95          |
| 00-188-9858 | 400-91-C-5123 | 910234 | 02/91 | Updated, 03/95          |
| 00-188-9858 | 400-91-C-5124 | 308    | 02/91 | Updated, 04/95          |
| 00-188-9858 | 400-91-C-5124 | 313    | 02/91 | Updated, 04/95          |
| 00-188-9858 | 400-91-C-5124 | 314    | 00/00 | Updated, 02/95          |
| 00-188-9858 | 400-91-C-5124 | 321    | 00/00 | Updated, 01/95          |
| 00-188-9858 | 400-91-C-5124 | 328    | 02/91 | Updated, 01/95          |
| 00-188-9858 | 600-81-D-1403 | 9701   | 00/00 | Failed, condemned, 1987 |
| 00-188-9858 | 600-82-D-1368 | 565    | 08/85 | Failed, condemned, 1989 |
| 00-188-9858 | 600-83-D-1183 | 768    | 02/84 | Failed, condemned, 1988 |
| 00-188-9862 | 400-84-D-0075 | 1375   | 02/85 | Updated, 06/94          |
| 00-188-9862 | 400-85-D-0079 | 3864   | 11/85 | Updated, 06/94          |
| 00-188-9862 | 400-85-D-0082 | 495    | 02/86 | Updated, 08/93          |
| 00-188-9862 | 400-88-D-0106 | 17     | 00/00 | Updated, 07/93          |
| 00-188-9862 | 400-89-D-0111 | 209    | 11/90 | Updated, 02/95          |
| 00-188-9862 | 400-89-D-0111 | 262    | 11/90 | Updated, 11/94          |
| 00-188-9862 | 400-89-D-0111 | 266    | 11/90 | Updated, 10/94          |
| 00-188-9862 | 400-89-D-0111 | 273    | 00/00 | Updated, 11/94          |
| 00-188-9862 | 400-89-D-0111 | 9214   | 00/00 | Updated, 11/94          |
| 00-188-9862 | 400-89-D-0111 | 971    | 00/00 | Updated, 11/93          |
| 00-188-9862 | 400-90-C-5256 | 276    | 11/90 | Updated, 11/93          |
| 00-188-9862 | 400-90-C-5258 | 8925   | 00/00 | Updated, 06/94          |
| 00-188-9862 | 400-90-C-5258 | 8926   | 05/90 | Updated, 04/94          |
| 00-188-9862 | 400-90-D-0075 | 9028   | 11/90 | Updated, 12/94          |
| 00-188-9862 | 400-90-D-0075 | 9031   | 01/91 | Updated, 01/95          |
| 00-188-9862 | 400-90-D-0076 | 291    | 02/91 | Updated, 01/95          |
| 00-188-9862 | 400-91-C-5124 | 371    | 02/91 | Updated, 02/95          |
| 00-188-9862 | 600-82-D-1368 | 410    | 00/00 | Failed, condemned, 1986 |
| 00-188-9865 | 600-79-C-0781 | 4994   | 05/79 | Failed, condemned, 1986 |
| 00-188-9867 | 400-88-C-2093 | 810    | 11/88 | Updated, 07/93          |
| 00-188-9867 | 400-89-C-0199 | 840    | 11/88 | Updated, 04/94          |
| 00-188-9867 | 600-82-D-1362 | T2121  | 00/00 | Updated, 08/94          |
| 00-189-6727 | 400-85-C-5211 | C4368A | 05/85 | Updated, 02/95          |
| 00-189-6727 | 400-85-C-5211 | C4368B | 05/85 | Updated, 08/94          |
| 00-189-6727 | 400-85-C-5211 | C4368C | 05/87 | Updated, 03/95          |
| 00-189-6727 | 400-87-C-H674 | C4517  | 00/00 | Failed, condemned, 1989 |
| 00-189-6727 | 600-83-C-1389 | C200   | 00/00 | Updated, 04/94          |
| 00-189-6729 | 400-84-D-0077 | 223    | 00/00 | Failed, condemned, 1989 |
| 00-189-6729 | 400-84-D-0077 | 999    | 11/84 | Updated, 06/94          |
| 00-189-6729 | 400-85-D-0057 | 4768   | 05/85 | Failed, condemned, 1987 |
| 00-189-6729 | 400-85-D-0057 | 4807   | 08/85 | Updated, 11/93          |
| 00-189-6729 | 400-85-D-0082 | 578    | 06/86 | Updated, 04/95          |
| 00-189-6729 | 400-86-C-5251 | 83096  | 11/86 | Updated, 07/93          |
| 00-189-6729 | 400-86-D-0078 | 64     | 12/86 | Updated, 10/93          |
| 00-189-6729 | 400-86-D-0080 | 871585 | 08/87 | Failed, condemned, 1992 |
| 00-189-6729 | 400-89-C-1044 | 317    | 00/00 | Updated, 01/94          |

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-189-6729 | 400-89-D-0111 | 112    | 00/00 | Updated, 08/94            |
| 00-189-6729 | 400-89-D-0111 | 131    | 05/90 | Updated, 08/94            |
| 00-189-6729 | 400-89-D-0111 | 144    | 08/90 | Updated, 11/94            |
| 00-189-6729 | 400-89-D-0111 | 146    | 08/90 | Updated, 09/94            |
| 00-189-6729 | 400-89-D-0111 | 192    | 08/90 | Updated, 07/94            |
| 00-189-6729 | 400-89-D-0111 | 197    | 08/90 | Updated, 04/95            |
| 00-189-6729 | 400-89-D-0111 | 205    | 08/90 | Updated, 03/95            |
| 00-189-6729 | 400-89-D-0111 | 208    | 08/90 | Updated, 08/94            |
| 00-189-6729 | 400-89-D-0111 | 210    | 08/90 | Updated, 07/94            |
| 00-189-6729 | 400-89-D-0111 | 244    | 00/00 | Updated, 03/95            |
| 00-189-6729 | 400-89-D-0111 | 250    | 11/90 | Updated, 03/95            |
| 00-189-6729 | 400-89-D-0111 | 253    | 11/90 | Updated, 12/94            |
| 00-189-6729 | 400-89-D-0111 | 254    | 11/90 | Updated, 12/94            |
| 00-189-6729 | 400-89-D-0111 | 259    | 00/00 | Updated, 12/94            |
| 00-189-6729 | 400-89-D-0111 | 261    | 11/90 | Updated, 08/94            |
| 00-189-6729 | 400-90-C-5256 | 268    | 11/90 | Updated, 12/94            |
| 00-189-6729 | 400-90-C-5256 | 271    | 00/00 | Updated, 12/94            |
| 00-189-6729 | 400-90-C-5256 | 280    | 00/00 | Updated, 03/95            |
| 00-189-6729 | 400-90-C-5258 | 8927   | 00/00 | Updated, 03/94            |
| 00-189-6729 | 400-90-C-5258 | 8942   | 07/90 | Updated, 07/94            |
| 00-189-6729 | 400-90-C-5258 | 8943   | 07/90 | Updated, 07/94            |
| 00-189-6729 | 400-90-C-5258 | 8944   | 07/90 | Updated, 07/94            |
| 00-189-6729 | 400-90-D-0075 | 9043   | 01/91 | Updated, 01/95            |
| 00-189-6729 | 400-90-D-0075 | 9054   | 02/91 | Failed but updated, 02/95 |
| 00-189-6729 | 400-90-D-0075 | 9055   | 02/91 | Updated, 05/95            |
| 00-189-6729 | 400-90-D-0075 | 9057   | 00/00 | Updated, 04/95            |
| 00-189-6729 | 400-90-D-0075 | 9058   | 03/91 | Updated, 03/95            |
| 00-189-6729 | 400-90-D-0075 | 9062   | 00/00 | Updated, 01/95            |
| 00-189-6729 | 400-91-C-5123 | 910121 | 00/00 | Updated, 04/95            |
| 00-189-6729 | 400-91-C-5123 | 910270 | 02/91 | Updated, 01/95            |
| 00-189-6729 | 400-91-C-5123 | 910306 | 02/91 | Updated, 02/95            |
| 00-189-6729 | 400-91-C-5123 | 910326 | 00/00 | Updated, 01/95            |
| 00-189-6729 | 400-91-C-5123 | 910377 | 00/00 | Updated, 05/95            |
| 00-189-6729 | 400-91-C-5123 | 910378 | 02/91 | Updated, 12/94            |
| 00-189-6729 | 600-79-C-0964 | 230    | 05/79 | Updated, 06/94            |
| 00-189-6729 | 600-79-C-1044 | 369    | 08/79 | Updated, 05/94            |
| 00-189-6729 | 600-79-C-1044 | 370    | 00/00 | Updated, 01/94            |
| 00-189-6729 | 600-79-C-1044 | 372    | 08/79 | Updated, 05/94            |
| 00-189-6729 | 600-81-C-0611 | 2889   | 05/81 | Updated, 05/94            |
| 00-189-6729 | 600-83-C-1389 | D200   | 00/00 | Updated, 04/94            |
| 00-189-6729 | 600-83-D-1188 | 829    | 00/00 | Failed, condemned, 1991   |
| 00-189-6729 | 600-84-D-0715 | 846    | 05/84 | Failed, condemned, 1988   |
| 00-191-2772 | 400-84-D-0077 | 153    | 00/00 | Failed, condemned, 1987   |
| 00-191-2772 | 400-84-D-0077 | 219    | 05/85 | Failed, condemned, 1988   |
| 00-191-2772 | 400-84-D-0077 | 225    | 00/00 | Failed, condemned, 1988   |
| 00-191-2772 | 400-84-D-0077 | 228    | 05/85 | Failed, condemned, 1988   |
| 00-191-2772 | 400-85-D-0082 | 469    | 02/86 | Failed, condemned, 1989   |
| 00-191-2772 | 400-85-D-0082 | 513    | 02/86 | Failed, condemned, 1988   |
| 00-191-2772 | 400-85-D-0082 | 542    | 05/86 | Updated, 03/94            |
| 00-191-2772 | 400-85-D-0082 | 561    | 05/86 | Updated, 02/94            |
| 00-191-2772 | 400-86-D-0080 | 15847  | 05/87 | Updated, 06/93            |
| 00-191-2772 | 400-86-D-0080 | 871568 | 07/87 | Failed, condemned, 1989   |

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-191-2772 | 400-86-D-0080 | 871584 | 08/87 | Failed, condemned, 1989   |
| 00-191-2772 | 400-86-D-0081 | 679    | 02/87 | Failed, condemned, 1990   |
| 00-191-2772 | 400-87-C-5021 | 1      | 00/00 | Updated, 07/94            |
| 00-191-2772 | 400-87-C-5021 | 2      | 03/87 | Updated, 10/94            |
| 00-191-2772 | 400-87-C-5021 | 4      | 00/00 | Updated, 05/95            |
| 00-191-2772 | 400-89-D-0111 | 01     | 02/90 | Updated, 12/94            |
| 00-191-2772 | 400-89-D-0111 | 010    | 02/90 | Updated, 12/94            |
| 00-191-2772 | 400-89-D-0111 | 039    | 02/90 | Updated, 06/94            |
| 00-191-2772 | 400-89-D-0111 | 075    | 05/90 | Updated, 05/94            |
| 00-191-2772 | 400-89-D-0111 | 105    | 05/90 | Updated, 06/94            |
| 00-191-2772 | 400-89-D-0111 | 110    | 05/90 | Updated, 05/94            |
| 00-191-2772 | 400-89-D-0111 | 121    | 00/00 | Updated, 08/94            |
| 00-191-2772 | 400-89-D-0111 | 126    | 00/00 | Updated, 01/95            |
| 00-191-2772 | 400-89-D-0111 | 135    | 08/89 | Updated, 06/94            |
| 00-191-2772 | 400-89-D-0111 | 143    | 08/90 | Updated, 08/94            |
| 00-191-2772 | 400-89-D-0111 | 154    | 08/89 | Updated, 07/94            |
| 00-191-2772 | 400-89-D-0111 | 171    | 08/89 | Updated, 01/95            |
| 00-191-2772 | 400-89-D-0111 | 174    | 08/90 | Updated, 08/94            |
| 00-191-2772 | 400-89-D-0111 | 181    | 00/00 | Updated, 11/94            |
| 00-191-2772 | 400-89-D-0111 | 267    | 11/90 | Updated, 12/94            |
| 00-191-2772 | 400-89-D-0111 | 986    | 00/00 | Updated, 07/93            |
| 00-191-2772 | 400-90-C-5258 | 8919   | 04/90 | Updated, 10/94            |
| 00-191-2772 | 400-90-C-5258 | 8920   | 04/90 | Updated, 05/94            |
| 00-191-2772 | 400-90-D-0075 | 9005   | 10/90 | Updated, 12/94            |
| 00-191-2772 | 400-90-D-0075 | 9008   | 10/90 | Updated, 12/94            |
| 00-191-2772 | 400-90-D-0075 | 9014   | 10/90 | Updated, 11/94            |
| 00-191-2772 | 400-90-D-0075 | 9029   | 12/90 | Updated, 03/95            |
| 00-191-2772 | 400-90-D-0075 | 9032   | 00/00 | Updated, 12/94            |
| 00-191-2772 | 400-90-D-0076 | 319    | 02/91 | Failed but updated, 02/95 |
| 00-191-2772 | 400-90-D-0076 | 339    | 02/91 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 415    | 02/91 | Updated, 12/94            |
| 00-191-2772 | 400-91-C-5123 | 910209 | 00/00 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 910244 | 02/91 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 910262 | 00/00 | Updated, 04/95            |
| 00-191-2772 | 400-91-C-5123 | 910302 | 00/00 | Updated, 05/95            |
| 00-191-2772 | 400-91-C-5123 | 910327 | 00/00 | Updated, 02/95            |
| 00-191-2772 | 400-91-C-5123 | 910522 | 00/00 | Updated, 02/95            |
| 00-191-2772 | 400-91-D-0095 | CP140  | 02/91 | Updated, 04/95            |
| 00-191-2772 | 400-91-D-0095 | P2100  | 02/92 | Updated, 08/94            |
| 00-191-2772 | 600-79-D-1400 | GRF1   | 00/00 | Failed, condemned         |
| 00-191-2772 | 600-80-D-1131 | HRU1   | 00/00 | Failed, condemned         |
| 00-191-2772 | 600-81-D-1406 | HLD1   | 00/00 | Failed, condemned         |
| 00-191-2772 | 600-83-D-1183 | 686    | 11/83 | Failed, condemned, 1989   |
| 00-191-2772 | 600-83-D-1183 | 788    | 05/84 | Failed, condemned, 1988   |
| 01-100-4612 | 400-84-C-F141 | 4023   | 05/85 | Failed, condemned, 1987   |
| 01-100-4612 | 600-82-C-1357 | 2490   | 02/82 | Failed, condemned, 1987   |
| 01-152-4117 | 400-84-C-F054 | C4295  | 00/00 | Updated, 12/94            |
| 01-152-4117 | 400-85-C-F012 | C4345C | 00/00 | Updated, 05/93            |
| 01-152-4117 | 400-86-C-2840 | C4459  | 00/00 | Updated, 12/94            |
| 01-152-4117 | 400-87-C-5121 | C4492  | 02/87 | Failed, condemned, 1989   |
| 01-152-4117 | 400-90-C-1363 | C4799  | 08/90 | Updated, 12/94            |
| 01-152-4118 | 400-84-C-F100 | 962    | 11/84 | Updated, 05/93            |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 01-152-4118 | 400-85-C-F012 | C4344  | 00/00 | Updated, 07/93          |
| 01-152-4118 | 400-85-C-F012 | C4344A | 11/84 | Updated, 05/93          |
| 01-152-4118 | 400-85-C-F102 | C4344B | 00/00 | Updated, 05/93          |
| 01-152-4118 | 400-85-C-F102 | C4344C | 11/84 | Updated, 05/93          |
| 01-152-4118 | 400-90-C-5256 | 226    | 00/00 | Updated, 12/94          |
| 01-152-4118 | 400-90-D-0075 | 9011   | 10/90 | Updated, 10/94          |
| 01-152-4118 | 400-90-D-0075 | 9012   | 00/00 | Updated, 10/94          |
| 01-152-4118 | 400-90-D-0076 | 235    | 11/90 | Updated, 03/95          |
| 01-152-4118 | 400-90-D-0076 | 240    | 00/00 | Updated, 10/94          |
| 01-152-4118 | 400-90-D-0076 | 335    | 02/91 | Updated, 02/95          |
| 01-152-4118 | 400-91-C-5123 | 910235 | 02/91 | Updated, 02/95          |
| 01-152-4118 | 400-91-C-5123 | 910350 | 02/91 | Updated, 03/95          |
| 01-152-4118 | 400-91-C-5123 | 910395 | 02/91 | Updated, 04/95          |
| 01-152-4119 | 400-86-D-0080 | 76066  | 00/00 | Updated, 05/93          |
| 01-152-4119 | 400-86-D-0080 | 77216  | 00/00 | Updated, 05/93          |
| 01-152-4119 | 400-86-D-0080 | 79386  | 00/00 | Failed, condemned, 1989 |
| 01-152-4119 | 400-86-D-0080 | 90057  | 00/00 | Failed, condemned, 1989 |
| 01-152-4119 | 400-86-D-0080 | 90057  | 00/00 | Failed, condemned, 1989 |
| 01-152-4119 | 400-89-D-0111 | 134    | 00/00 | Updated, 06/94          |
| 01-152-4119 | 400-89-D-0111 | 156    | 08/90 | Updated, 03/95          |
| 01-152-4119 | 400-89-D-0111 | 175    | 08/90 | Updated, 04/95          |
| 01-152-4119 | 400-89-D-0111 | 214    | 00/00 | Updated, 12/94          |
| 01-152-4119 | 400-89-D-0111 | 961    | 00/00 | Failed, condemned       |
| 01-152-4119 | 400-89-D-0111 | 970    | 11/89 | Failed, condemned, 1992 |
| 01-152-4119 | 400-91-C-5123 | 910597 | 03/91 | Updated, 02/95          |
| 01-152-4119 | 400-91-C-5123 | 910753 | 03/91 | Updated, 02/95          |
| 01-177-3988 | 400-86-C-5557 | 101    | 12/86 | Updated, 11/94          |
| 01-177-3988 | 400-86-C-5557 | 101A   | 00/00 | Failed, condemned, 1990 |
| 01-177-3988 | 400-86-C-5557 | 101B   | 00/00 | Failed, condemned, 1990 |
| 01-177-3988 | 400-86-C-5557 | 101C   | 12/86 | Failed, condemned, 1990 |
| 01-177-3988 | 400-87-C-5100 | C4496  | 05/87 | Updated, 04/94          |
| 01-177-3988 | 400-89-C-5093 | 913202 | 05/89 | Updated, 08/93          |
| 01-177-3988 | 400-89-C-5093 | 913801 | 05/91 | Updated, 03/95          |
| 01-177-3988 | 400-89-C-5093 | 913802 | 05/89 | Failed, condemned, 1992 |
| 01-177-3988 | 400-89-C-5093 | 914601 | 05/89 | Updated, 05/93          |
| 01-177-3988 | 400-90-C-5309 | 018401 | 00/00 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5309 | 018701 | 08/90 | Updated, 09/94          |
| 01-177-3988 | 400-90-C-5309 | 019801 | 08/90 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5309 | 021301 | 08/90 | Updated, 10/94          |
| 01-177-3988 | 400-90-C-5309 | 022001 | 08/90 | Updated, 11/94          |
| 01-177-3988 | 400-90-C-5309 | 022901 | 08/90 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5309 | 023901 | 08/90 | Updated, 08/94          |
| 01-177-3988 | 400-90-C-5475 | 031901 | 11/90 | Updated, 10/94          |
| 01-177-3988 | 400-90-C-5475 | 032301 | 11/90 | Updated, 12/94          |
| 01-177-3988 | 400-90-C-5475 | 033701 | 11/90 | Updated, 11/94          |
| 01-177-3988 | 400-90-C-5475 | 034701 | 11/90 | Updated, 12/94          |
| 01-177-3988 | 400-90-C-5477 | NC250  | 12/90 | Updated, 12/94          |
| 01-178-4725 | 400-86-C-1877 | 803G   | 00/00 | Updated, 06/93          |
| 01-178-4725 | 400-86-C-5581 | 105B   | 12/86 | Failed, condemned, 1991 |
| 01-178-4725 | 400-86-C-5581 | 105C   | 12/86 | Failed, condemned, 1990 |
| 01-178-4725 | 400-86-C-5581 | 2      | 12/86 | Updated, 01/94          |
| 01-178-4725 | 400-87-C-5100 | C4497  | 05/87 | Updated, 08/93          |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 01-178-4725 | 400-87-C-5459 | 154    | 08/87 | Updated, 02/94          |
| 01-178-4725 | 400-90-C-5054 | 000901 | 02/90 | Failed, condemned, 1992 |
| 01-178-4725 | 400-90-C-5054 | 002301 | 02/90 | Updated, 01/94          |
| 01-178-4725 | 400-90-C-5054 | 002601 | 02/90 | Updated, 02/94          |
| 01-178-4725 | 400-90-C-5054 | 003101 | 02/90 | Updated, 04/94          |
| 01-178-4725 | 400-90-C-5054 | 003701 | 02/90 | Updated, 03/94          |
| 01-178-4725 | 400-90-C-5054 | 004001 | 02/90 | Updated, 01/94          |
| 01-178-4725 | 400-90-C-5054 | 004601 | 02/90 | Updated, 01/94          |
| 01-178-4725 | 400-90-C-5054 | 009201 | 05/90 | Updated, 09/94          |
| 01-178-4725 | 400-90-C-5054 | 009601 | 00/00 | Updated, 09/94          |
| 01-178-4725 | 400-90-C-5054 | 010601 | 05/90 | Failed, condemned, 1992 |
| 01-178-4725 | 400-90-C-5054 | 010801 | 05/90 | Updated, 06/94          |
| 01-178-4725 | 400-90-C-5054 | 01236  | 02/90 | Updated, 11/94          |
| 01-178-4725 | 400-90-C-5054 | 012401 | 05/90 | Updated, 09/94          |
| 01-178-4725 | 400-90-C-5054 | 012901 | 05/90 | Updated, 05/94          |
| 01-178-4725 | 400-90-C-5054 | 013501 | 05/90 | Updated, 06/94          |
| 01-178-4725 | 400-90-C-5054 | 014301 | 00/00 | Updated, 09/94          |
| 01-178-4725 | 400-91-C-5079 | 103801 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 101101 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 102301 | 00/00 | Failed, condemned, 1993 |
| 01-178-4725 | 400-91-C-5097 | 102401 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 103101 | 02/91 | Updated, 04/95          |
| 01-178-4725 | 400-91-C-5097 | 103301 | 02/91 | Failed, condemned, 1993 |
| 01-178-4725 | 400-91-C-5097 | 103701 | 02/91 | Updated, 03/95          |
| 01-178-4725 | 400-91-C-5097 | 104401 | 02/91 | Updated, 03/95          |
| 01-178-4725 | 400-91-C-5097 | 104501 | 02/91 | Updated, 02/95          |
| 01-178-4725 | 400-91-C-5097 | 105301 | 02/91 | Updated, 01/95          |
| 01-178-4725 | 400-91-C-5097 | 105801 | 02/91 | Updated, 01/95          |
| 01-178-4726 | 400-86-C-5240 | 1      | 00/00 | Failed, condemned, 1992 |
| 01-178-4726 | 400-87-C-5100 | C4496  | 05/87 | Updated, 10/94          |
| 01-178-4726 | 400-87-C-5508 | 020801 | 03/88 | Updated, 03/95          |
| 01-178-4726 | 400-87-C-5508 | 030101 | 03/88 | Updated, 02/95          |
| 01-178-4726 | 400-87-C-5508 | 031501 | 03/90 | Updated, 06/94          |
| 01-178-4726 | 400-87-C-5508 | 032101 | 00/00 | Updated, 10/94          |
| 01-178-4726 | 400-87-C-5508 | 032401 | 00/00 | Updated, 07/94          |
| 01-178-4726 | 400-87-C-5508 | 033001 | 03/88 | Updated, 04/94          |
| 01-178-4726 | 400-87-C-5508 | 042201 | 05/88 | Updated, 03/94          |
| 01-178-4726 | 400-87-C-5508 | 050301 | 05/88 | Updated, 02/95          |
| 01-178-4726 | 400-87-C-5508 | 092001 | 09/88 | Updated, 02/94          |
| 01-178-4726 | 400-87-C-5508 | 100301 | 11/88 | Updated, 04/94          |
| 01-178-4726 | 400-91-C-5294 | 112101 | 05/91 | Updated, 03/95          |
| 01-178-4726 | 400-91-C-5294 | 112301 | 05/89 | Updated, 03/95          |
| 01-178-4726 | 400-91-M-6307 | 105601 | 02/91 | Failed, condemned, 1993 |

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|             |               |         |       |                         |
|-------------|---------------|---------|-------|-------------------------|
| 00-001-9395 | 400-86-C-1772 | 6158    | 00/00 | Updated, 06/93          |
| 00-001-9395 | 400-89-C-0987 | 889     | 05/89 | Failed, condemned, 1991 |
| 00-001-9395 | 400-90-C-1500 | 3412080 | 08/90 | Updated, 08/94          |
| 01-035-5390 | 400-89-M-6144 | 260989  | 02/89 | Updated, 06/93          |
| 01-035-5390 | 400-89-M-K963 | 760389  | 08/87 | Updated, 06/93          |
| 01-035-5390 | 400-90-C-1581 | B010001 | 11/90 | Updated, 10/94          |

|             |               |             |       |                         |
|-------------|---------------|-------------|-------|-------------------------|
| 01-035-5391 | 400-84-C-F021 | B20020184   | 00/00 | Failed, condemned       |
| 01-035-5391 | 400-86-C-2252 | F61686      | 00/00 | Failed, condemned, 1989 |
| 01-035-5391 | 400-89-M-0719 | 562689      | 05/89 | Updated, 07/93          |
| 01-035-5391 | 400-91-M-9066 | 728         | 01/91 | Updated, 02/95          |
| 01-035-5391 | 600-84-C-0651 | 317         | 11/83 | Failed, condemned, 1986 |
| 01-035-5392 | 400-84-C-F108 | C4321       | 08/84 | Failed, condemned, 1986 |
| 01-035-5392 | 400-87-M-F419 | C4518       | 05/87 | Failed, condemned, 1991 |
| 01-035-5392 | 400-88-M-U661 | 103215      | 00/00 | Updated, 06/93          |
| 01-035-5392 | 400-89-C-0821 | 82289C      | 08/89 | Updated, 07/93          |
| 01-035-5392 | 400-89-M-H006 | 560189      | 00/00 | Updated, 06/93          |
| 01-035-5392 | 400-90-C-1023 | C4791       | 05/90 | Updated, 05/94          |
| 01-035-5393 | 400-90-C-5141 | 047         | 00/00 | Updated, 07/94          |
| 01-035-5393 | 400-90-C-5141 | 070         | 00/00 | Updated, 05/94          |
| 01-035-5393 | 400-90-C-5141 | 071         | 00/00 | Updated, 07/94          |
| 01-035-5393 | 400-90-C-5141 | 076         | 00/00 | Updated, 08/94          |
| 01-035-5393 | 400-90-C-5141 | 079         | 05/90 | Updated, 08/94          |
| 01-035-5393 | 400-90-D-0047 | 3412080     | 00/00 | Failed, condemned, 1992 |
| 01-035-5393 | 400-90-D-0047 | 3865090     | 08/90 | Updated, 12/94          |
| 01-035-5393 | 400-90-D-0047 | 4450100     | 11/90 | Failed, condemned, 1993 |
| 01-035-5393 | 400-90-D-0047 | 4920110     | 11/90 | Failed, condemned, 1993 |
| 01-035-5393 | 400-90-D-0047 | 5245110     | 00/00 | Updated, 11/94          |
| 01-035-5393 | 400-91-D-0012 | 11261801    | 00/00 | Failed, condemned, 1993 |
| 01-035-5393 | 400-91-D-0012 | B022F86     | 02/91 | Updated, 04/95          |
| 01-035-5393 | 600-80-D-1301 | 7356        | 00/00 | Failed, condemned       |
| 01-035-5394 | 400-84-D-0084 | B093894B938 | 03/85 | Updated, 07/94          |
| 01-035-5394 | 400-90-C-0681 | 051         | 02/90 | Updated, 12/93          |
| 01-035-5394 | 400-90-C-0681 | 102         | 05/90 | Updated, 05/94          |
| 01-035-5394 | 400-90-D-0047 | 3326080     | 08/90 | Updated, 07/94          |
| 01-035-5394 | 400-90-D-0047 | 4076090     | 08/90 | Failed, condemned, 1993 |
| 01-035-5394 | 400-90-D-0047 | 4683100     | 11/90 | Updated, 04/95          |
| 01-035-5394 | 400-91-D-0012 | 56          | 03/91 | Failed, condemned, 1993 |
| 01-035-5394 | 400-91-D-0012 | 59          | 01/91 | Updated, 02/95          |
| 01-035-5394 | 400-91-D-0012 | 75          | 00/00 | Failed, condemned, 1993 |
| 01-035-5394 | 600-79-C-1150 | FRG1        | 08/79 | Updated, 03/95          |
| 01-035-5394 | 600-81-C-1059 | 655         | 00/00 | Failed, condemned, 1992 |
| 01-035-5394 | 600-83-D-1400 | D1484       | 00/00 | Updated, 07/93          |
| 01-035-5395 | 400-88-C-1752 | 785         | 08/88 | Updated, 12/93          |
| 01-035-5395 | 400-89-C-0676 | 903         | 05/89 | Updated, 04/95          |
| 01-035-5395 | 400-89-C-1394 | 912         | 08/91 | Updated, 11/93          |
| 01-035-5395 | 400-90-C-0655 | 132         | 05/90 | Updated, 05/94          |
| 01-035-5395 | 400-90-C-0655 | 136         | 00/00 | Updated, 07/94          |
| 01-035-5395 | 400-90-M-D391 | 51590EE     | 00/00 | Updated, 06/94          |
| 01-035-5395 | 600-80-C-1312 | GL780       | 07/80 | Failed, condemned, 1986 |
| 01-035-5396 | 400-85-C-0989 | 83122       | 00/00 | Updated, 07/94          |
| 01-035-5396 | 400-85-C-2481 | 83457       | 00/00 | Failed, condemned, 1989 |
| 01-035-5396 | 400-86-C-0265 | 5618        | 05/86 | Updated, 08/93          |
| 01-035-5396 | 400-86-C-2252 | F62386A     | 00/00 | Failed, condemned, 1990 |
| 01-035-5396 | 400-90-C-1279 | 2682060     | 00/00 | Updated, 05/94          |
| 01-035-5396 | 600-83-C-1152 | F3724       | 00/00 | Failed, condemned, 1986 |
| 01-048-4591 | 400-84-C-F178 | C4340       | 11/84 | Updated, 04/94          |
| 01-048-4591 | 400-90-M-P462 | 52890LG     | 05/90 | Failed, condemned, 1992 |

**Specification: MIL-L-3150**

|             |               |         |       |                |
|-------------|---------------|---------|-------|----------------|
| 00-231-2356 | 400-87-M-BF38 | 38      | 11/87 | Updated, 02/94 |
| 00-231-2356 | 400-87-M-BF38 | 39      | 00/00 | Updated, 05/94 |
| 00-231-2356 | 400-87-M-BF38 | 40      | 02/88 | Updated, 12/94 |
| 00-231-2356 | 400-88-C-0870 | 41      | 05/88 | Updated, 05/94 |
| 00-231-2356 | 400-90-C-0737 | 902     | 05/90 | Updated, 07/94 |
| 00-231-2356 | 400-90-C-0737 | 903     | 00/00 | Updated, 07/94 |
| 00-231-2357 | 400-85-C-5231 | 1508008 | 08/85 | Updated, 08/93 |
| 00-231-2361 | 400-88-C-2380 | 42      | 11/88 | Updated, 02/95 |
| 00-231-2361 | 400-89-C-0642 | 892     | 05/89 | Updated, 12/94 |
| 00-231-2361 | 600-74-C-1615 | 47      | 05/74 | Updated, 01/95 |

**Specification : MIL-G-4343**

|             |               |          |       |                           |
|-------------|---------------|----------|-------|---------------------------|
| 00-119-9291 | 400-90-M-A251 | GA030938 | 03/90 | Updated, 07/93            |
| 00-119-9291 | 400-90-M-X671 | GA080940 | 08/90 | Failed but updated, 11/94 |
| 00-119-9291 | 400-91-M-BZ20 | GA091956 | 00/00 | Updated, 02/95            |
| 00-119-9291 | 400-91-M-BZ20 | GA091956 | 09/91 | Updated, 02/95            |
| 00-188-9858 | 400-90-D-0075 | 9033     | 01/91 | Updated, 03/95            |
| 00-269-8255 | 400-84-M-F147 | F11548   | 08/84 | Failed, condemned, 1986   |
| 00-269-8255 | 400-84-M-F147 | F11665   | 08/84 | Failed, condemned, 1987   |
| 00-269-8255 | 400-84-M-F264 | F11871   | 08/84 | Updated, 12/93            |
| 00-269-8255 | 400-84-M-F264 | F11872   | 08/84 | Failed, condemned, 1987   |
| 00-269-8255 | 400-84-M-F264 | F11873   | 08/84 | Failed, condemned, 1986   |
| 00-269-8255 | 400-85-C-2914 | 22       | 08/85 | Updated, 05/95            |
| 00-269-8255 | 400-85-M-A527 | 20       | 02/85 | Updated, 11/93            |
| 00-269-8255 | 400-87-C-1503 | 29       | 05/87 | Failed but updated, 12/94 |
| 00-269-8255 | 400-87-M-4712 | 28       | 02/87 | Updated, 12/94            |
| 00-269-8255 | 400-87-M-5408 | 30       | 11/87 | Updated, 03/94            |
| 00-269-8255 | 400-89-C-5124 | 891      | 05/89 | Updated, 12/93            |
| 00-269-8255 | 400-89-C-5124 | 892      | 05/89 | Updated, 10/94            |
| 00-269-8255 | 400-91-C-5302 | GB051727 | 05/91 | Updated, 11/94            |
| 00-985-7245 | 400-89-M-R304 | 894      | 09/89 | Updated, 03/95            |
| 01-007-4384 | 400-91-M-J991 | 1916     | 04/91 | Updated, 02/95            |

**Specification: MIL-L-6081**

|             |               |         |       |                         |
|-------------|---------------|---------|-------|-------------------------|
| 00-231-6676 | 400-84-C-F133 | 9880    | 00/00 | Failed, condemned, 1989 |
| 00-231-6676 | 400-85-C-5086 | 1425    | 02/85 | Updated, 03/94          |
| 00-231-6676 | 400-85-C-5575 | 38301   | 04/86 | Updated, 09/95          |
| 00-231-6676 | 400-85-C-5575 | 38343   | 04/86 | Updated, 07/93          |
| 00-231-6676 | 400-86-C-5091 | 5157    | 02/86 | Updated, 03/95          |
| 00-231-6676 | 400-87-C-2993 | F19052C | 11/87 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052I | 12/87 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052K | 00/00 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052L | 00/00 | Updated, 01/94          |
| 00-231-6676 | 400-87-C-2993 | F19052M | 00/00 | Updated, 07/94          |
| 00-231-6676 | 400-87-C-2993 | F19052N | 02/88 | Updated, 05/94          |
| 00-231-6676 | 400-87-C-2993 | F19052Q | 02/88 | Updated, 05/94          |
| 00-231-6676 | 400-87-C-2993 | F19052R | 00/00 | Updated, 08/94          |
| 00-231-6676 | 400-87-C-2993 | F19052S | 02/88 | Updated, 08/94          |
| 00-231-6676 | 400-87-C-2993 | F19052U | 00/00 | Updated, 08/94          |
| 00-231-6676 | 400-87-C-5124 | 39253   | 00/00 | Updated, 04/95          |
| 00-231-6676 | 400-87-C-5124 | 39429   | 03/87 | Updated, 05/93          |

|             |               |         |       |                           |
|-------------|---------------|---------|-------|---------------------------|
| 00-231-6676 | 400-87-C-5124 | 39505   | 03/87 | Updated, 07/93            |
| 00-231-6676 | 400-87-C-5124 | 39544   | 04/87 | Updated, 05/93            |
| 00-231-6676 | 400-87-C-5124 | 39548   | 04/87 | Updated, 06/93            |
| 00-231-6676 | 400-88-C-5349 | F19245  | 10/88 | Updated, 08/95            |
| 00-231-6676 | 400-88-C-5349 | F19245C | 11/88 | Updated, 12/95            |
| 00-231-6676 | 400-88-C-5349 | F19245E | 11/88 | Updated, 12/94            |
| 00-231-6676 | 400-88-C-5349 | F19245F | 11/88 | Updated, 01/94            |
| 00-231-6676 | 400-88-C-5349 | F19245G | 11/88 | Updated, 10/94            |
| 00-231-6676 | 400-88-C-5349 | F19245H | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245I | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245K | 12/88 | Updated, 11/94            |
| 00-231-6676 | 400-88-C-5349 | F19245L | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245M | 00/00 | Updated, 02/95            |
| 00-231-6676 | 400-88-C-5349 | F19245N | 00/00 | Updated, 06/94            |
| 00-231-6676 | 400-88-C-5349 | F19245P | 01/89 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19245Q | 01/89 | Updated, 01/94            |
| 00-231-6676 | 400-88-C-5349 | F19245R | 11/88 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19245T | 00/00 | Failed, condemned, 1992   |
| 00-231-6676 | 400-88-C-5349 | F19245U | 11/88 | Updated, 01/95            |
| 00-231-6676 | 400-88-C-5349 | F19245V | 01/90 | Updated, 04/95            |
| 00-231-6676 | 400-88-C-5349 | F19245W | 00/00 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19245X | 00/00 | Updated, 05/94            |
| 00-231-6676 | 400-88-C-5349 | F19245Y | 00/00 | Updated, 04/94            |
| 00-231-6676 | 400-88-C-5349 | F19245Z | 02/89 | Updated, 03/95            |
| 00-231-6676 | 400-88-C-5349 | F19591H | 00/00 | Updated, 01/94            |
| 00-231-6676 | 400-88-C-5549 | F19245C | 00/00 | Failed, condemned         |
| 00-231-6676 | 400-89-C-5339 | F19591B | 03/90 | Updated, 04/96            |
| 00-231-6676 | 400-91-C-5143 | F19853A | 05/91 | Updated, 05/94            |
| 00-273-2388 | 400-84-C-F133 | 9882    | 11/84 | Updated, 06/94            |
| 00-273-2388 | 400-85-C-3035 | 28      | 11/85 | Updated, 05/95            |
| 00-273-2388 | 400-86-C-0543 | 30      | 05/86 | Updated, 06/95            |
| 00-273-2388 | 400-87-C-1607 | 89480   | 11/87 | Updated, 05/94            |
| 00-273-2388 | 400-88-C-1607 | 66989   | 02/89 | Updated, 02/95            |
| 00-273-2388 | 400-89-C-1842 | 117721  | 06/90 | Updated, 02/96            |
| 00-273-2388 | 400-90-C-1241 | 123480  | 02/91 | Updated, 06/95            |
| 00-273-2388 | 400-90-M-1207 | 117721  | 00/00 | Failed but updated, 05/96 |
| 00-273-2388 | 600-81-C-1215 | 9817    | 05/81 | Updated, 12/95            |
| 00-273-2388 | 600-83-C-0863 | 3707    | 05/83 | Updated, 04/94            |
| 00-273-8807 | 600-79-C-0800 | 36      | 02/79 | Updated, 11/94            |
| 00-273-8807 | 600-79-C-0874 | 37      | 05/79 | Updated, 05/95            |
| 00-273-8807 | 600-81-C-0835 | 9167    | 08/81 | Updated, 08/94            |
| 00-273-8807 | 600-81-C-1215 | 9824    | 05/81 | Updated, 04/95            |
| 00-273-8807 | 600-81-C-1215 | 9826    | 05/81 | Failed, condemned, 1986   |
| 00-273-8807 | 600-81-C-1260 | 1022    | 11/81 | Updated, 03/95            |
| 00-273-8807 | 600-81-C-1260 | 9811    | 12/81 | Updated, 01/96            |
| 00-273-8810 | 600-80-C-1453 | GRT1    | 11/80 | Updated, 04/96            |
| 00-273-8810 | 600-82-C-1135 | 1LY1    | 05/82 | Updated, 06/94            |

Specification: MIL-H-6083

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-159-4472 | 400-87-M-7214 | 22687H | 00/00 | Failed, condemned, 1989 |
| 00-159-4472 | 400-87-M-Y372 | H2468L | 08/87 | Updated, 05/94          |
| 00-159-4472 | 400-89-M-3943 | 22889D | 02/89 | Updated, 05/93          |

|             |               |         |       |                           |
|-------------|---------------|---------|-------|---------------------------|
| 00-159-4472 | 400-89-M-8617 | 22889D  | 02/89 | Updated, 03/95            |
| 00-159-4472 | 400-89-M-C550 | 80189HF | 08/89 | Failed, condemned, 1991   |
| 00-159-4472 | 400-90-M-Y011 | OT1090A | 10/90 | Updated, 12/94            |
| 00-159-4472 | 400-91-M-8724 | OT0291A | 02/91 | Updated, 06/94            |
| 00-935-9807 | 400-85-C-5583 | 70      | 11/85 | Updated, 11/94            |
| 00-935-9807 | 400-85-C-5583 | 7C      | 00/00 | Failed, condemned, 1990   |
| 00-935-9807 | 400-87-C-5565 | 95114   | 05/88 | Updated, 04/94            |
| 00-935-9807 | 400-88-C-0681 | 89      | 05/88 | Failed, condemned, 1990   |
| 00-935-9807 | 400-89-C-1560 | 109602  | 09/89 | Updated, 06/94            |
| 00-935-9807 | 400-89-M-Y758 | 113511  | 01/90 | Updated, 06/94            |
| 00-935-9807 | 400-91-C-0610 | 123848  | 02/91 | Updated, 02/95            |
| 00-935-9807 | 400-91-M-F332 | 123848  | 00/00 | Updated, 07/94            |
| 00-935-9807 | 600-74-C-1149 | C3RS2   | 11/73 | Failed, condemned, 1985   |
| 00-935-9807 | 600-82-C-1237 | 9858    | 08/82 | Failed, condemned, 1992   |
| 00-935-9808 | 400-84-C-F192 | 9889D   | 00/00 | Failed, condemned         |
| 00-935-9808 | 400-84-C-F192 | 9889F   | 02/85 | Failed, condemned, 1987   |
| 00-935-9808 | 400-84-C-F192 | 9889J   | 00/00 | Failed, condemned         |
| 00-935-9808 | 400-84-C-F192 | 9889N   | 02/85 | Failed, condemned, 1987   |
| 00-935-9808 | 400-87-C-1265 | NG01    | 08/87 | Updated, 02/94            |
| 00-935-9808 | 400-87-C-5300 | G02     | 08/87 | Updated, 05/94            |
| 00-935-9808 | 400-87-C-5300 | NG02    | 08/87 | Failed, condemned, 1992   |
| 00-935-9808 | 400-87-C-5300 | NJ01    | 11/87 | Updated, 08/93            |
| 00-935-9808 | 400-88-C-5302 | P102    | 08/88 | Failed, condemned, 1990   |
| 00-935-9808 | 400-89-C-1864 | 114228  | 01/90 | Updated, 02/94            |
| 00-935-9808 | 400-90-C-0564 | RE01    | 05/90 | Failed but updated, 05/95 |
| 00-935-9808 | 400-91-C-0644 | 123848  | 02/91 | Updated, 01/95            |
| 00-935-9808 | 600-79-C-1564 | 9765    | 11/79 | Failed, condemned, 1992   |
| 00-935-9809 | 400-84-C-F027 | 58      | 00/00 | Failed but updated, 01/95 |
| 00-935-9809 | 400-85-C-5583 | 71      | 00/00 | Failed, condemned, 1990   |
| 00-935-9809 | 400-89-C-5095 | 892     | 05/89 | Failed but updated, 08/94 |
| 00-935-9809 | 400-90-C-5416 | 124426  | 03/91 | Updated, 02/95            |
| 00-935-9809 | 600-82-C-0786 | 9847    | 02/82 | Failed, condemned, 1991   |
| 00-935-9809 | 600-83-C-0943 | 51      | 04/83 | Updated, 03/94            |
| 00-935-9810 | 400-84-C-F193 | 64      | 00/00 | Failed, condemned, 1988   |
| 00-935-9810 | 400-84-C-F193 | 65      | 02/85 | Failed, condemned, 1987   |
| 00-935-9810 | 400-85-C-5566 | MC04    | 00/00 | Failed, condemned, 1989   |
| 00-935-9810 | 400-87-C-5565 | 95114   | 05/88 | Updated, 04/94            |
| 00-935-9810 | 400-89-C-5378 | QK03    | 00/00 | Updated, 11/93            |
| 00-935-9810 | 400-90-C-0529 | 118822  | 07/90 | Updated, 07/94            |
| 00-935-9810 | 600-82-C-1551 | 9829    | 00/00 | Updated, 08/94            |
| 00-935-9810 | 600-83-C-0943 | 49      | 03/83 | Failed, condemned, 1986   |

Specification: MIL-L-7808

|             |               |    |       |                         |
|-------------|---------------|----|-------|-------------------------|
| 00-108-5359 | 400-85-C-5591 | 26 | 11/85 | Updated, 02/95          |
| 00-108-5359 | 400-87-C-1317 | 37 | 05/87 | Updated, 02/96          |
| 00-108-5359 | 400-87-C-5405 | 41 | 11/87 | Updated, 06/94          |
| 00-108-5359 | 400-87-C-5405 | 42 | 11/87 | Failed, condemned, 1992 |
| 00-108-5359 | 400-89-C-5038 | 35 | 05/89 | Updated, 10/94          |
| 00-108-5359 | 400-89-C-5424 | 86 | 02/90 | Updated, 06/95          |
| 00-108-5359 | 400-91-C-5028 | 7F | 02/91 | Updated, 01/96          |
| 00-108-5359 | 600-78-C-0940 | 32 | 05/78 | Updated, 02/95          |
| 00-108-5359 | 600-80-C-1380 | 10 | 11/80 | Failed, condemned, 1990 |

|             |               |        |       |                          |
|-------------|---------------|--------|-------|--------------------------|
| 00-108-5359 | 600-82-C-0939 | 14     | 05/82 | Updated, 02/95           |
| 00-108-5359 | 600-83-C-0810 | 16     | 05/83 | Updated, 07/94           |
| 00-108-5359 | 600-83-C-0924 | 17     | 02/83 | Updated, 12/94           |
| 00-159-4882 | 600-82-C-0938 | 12     | 05/82 | Failed, condemned, 1988, |
| 00-159-4882 | 600-82-C-0938 | 13     | 08/82 | Failed, condemned, 1987  |
| 00-159-4882 | 600-82-C-0939 | 127    | 05/82 | Failed, condemned, 1987' |
| 00-159-4882 | 600-83-C-0924 | 95     | 05/83 | Failed, condemned, 1991  |
| 00-270-4057 | 400-84-C-F114 | 18     | 08/84 | Updated, 09/93           |
| 00-270-4057 | 400-85-C-1710 | 21     | 08/85 | Updated, 05/95           |
| 00-270-4057 | 400-85-C-5613 | 386    | 02/86 | Updated, 10/93           |
| 00-270-4057 | 400-86-C-5224 | 28     | 08/86 | Updated, 05/95           |
| 00-270-4057 | 400-87-C-1318 | 37     | 05/87 | Updated, 07/93           |
| 00-270-4057 | 400-87-C-2292 | 43     | 11/88 | Updated, 08/94           |
| 00-270-4057 | 400-87-C-5558 | 45     | 11/88 | Updated, 02/94           |
| 00-270-4057 | 400-88-C-5285 | C4591  | 08/88 | Updated, 11/94           |
| 00-270-4057 | 400-88-C-5346 | 25     | 11/88 | Updated, 01/95           |
| 00-270-4057 | 400-89-C-5087 | B02396 | 05/89 | Updated, 09/95           |
| 00-270-4057 | 600-83-C-1233 | 15     | 08/83 | Updated, 02/96           |
| 00-782-2627 | 400-85-C-5450 | 162    | 09/85 | Updated, 06/94           |
| 00-782-2627 | 400-85-C-5558 | 25     | 11/85 | Updated, 01/95           |
| 00-782-2627 | 400-85-C-5558 | 26     | 11/85 | Updated, 03/95           |
| 00-782-2627 | 400-86-C-5031 | 166    | 01/86 | Updated, 02/94           |
| 00-782-2627 | 400-86-C-5031 | 167    | 01/86 | Updated, 07/93           |
| 00-782-2627 | 400-86-C-5031 | 168    | 01/86 | Updated, 04/94           |
| 00-782-2627 | 400-86-C-5128 | 27     | 05/86 | Updated, 07/93           |
| 00-782-2627 | 400-86-C-5128 | 29     | 08/86 | Updated, 05/95           |
| 00-782-2627 | 400-86-C-5128 | 30     | 08/86 | Updated, 11/95           |
| 00-782-2627 | 400-86-C-5129 | 34     | 02/87 | Updated, 01/96           |
| 00-782-2627 | 400-86-C-5237 | 36     | 02/87 | Updated, 12/95           |
| 00-782-2627 | 400-86-C-5286 | 65     | 08/86 | Updated, 01/95           |
| 00-782-2627 | 400-86-C-5286 | 70     | 11/86 | Updated, 01/95           |
| 00-782-2627 | 400-86-C-5286 | 72     | 11/86 | Updated, 02/95           |
| 00-782-2627 | 400-87-C-5151 | 77     | 05/87 | Updated, 03/95           |
| 00-782-2627 | 400-87-C-5151 | 79     | 05/87 | Failed, condemned, 1990  |
| 00-782-2627 | 400-87-C-5244 | 38     | 11/87 | Updated, 10/95           |
| 00-782-2627 | 400-87-C-5244 | 39     | 08/87 | Updated, 10/94           |
| 00-782-2627 | 400-87-C-5244 | 40     | 08/87 | Updated, 01/96           |
| 00-782-2627 | 400-87-C-5244 | 43     | 11/87 | Updated, 12/95           |
| 00-782-2627 | 400-87-C-5244 | 44     | 02/88 | Updated, 12/95           |
| 00-782-2627 | 400-87-C-5244 | 45     | 02/88 | Updated, 01/94           |
| 00-782-2627 | 400-87-C-5244 | 46     | 02/88 | Updated, 04/94           |
| 00-782-2627 | 400-87-C-5244 | 65     | 00/00 | Updated, 01/95           |
| 00-782-2627 | 400-87-C-5405 | 41     | 11/87 | Updated, 06/94           |
| 00-782-2627 | 400-87-C-5405 | 42     | 11/87 | Updated, 05/93           |
| 00-782-2627 | 400-88-C-5277 | 195    | 10/88 | Updated, 05/94           |
| 00-782-2627 | 400-88-C-5277 | 196    | 10/88 | Updated, 05/94           |
| 00-782-2627 | 400-88-C-5277 | 200    | 01/89 | Updated, 02/95           |
| 00-782-2627 | 400-88-C-5277 | 201    | 01/89 | Updated, 02/95           |
| 00-782-2627 | 400-88-C-5314 | C4603  | 11/88 | Updated, 04/94           |
| 00-782-2627 | 400-88-C-5346 | 25     | 11/88 | Updated, 01/95           |
| 00-782-2627 | 400-90-C-5145 | 209    | 07/90 | Updated, 12/95           |
| 00-782-2627 | 400-90-C-5145 | 210    | 07/90 | Updated, 12/95           |

|             |               |         |       |                    |      |
|-------------|---------------|---------|-------|--------------------|------|
| 00-782-2627 | 400-90-C-5208 | C4789   | 06/90 | Updated, 12/95     |      |
| 00-782-2627 | 400-90-C-5209 | C4788   | 06/90 | Updated, 12/95     |      |
| 00-782-2627 | 400-90-C-5407 | J03206C | 12/90 | Updated, 11/94     |      |
| 00-782-2627 | 400-91-C-2627 | 123     | 01/91 | Updated, 01/94     |      |
| 00-782-2627 | 400-91-C-5135 | 124     | 02/91 | Updated, 02/94     |      |
| 00-782-2627 | 451-92-D-8060 | C4898   | 02/93 | Updated, 02/95     |      |
| 00-782-2627 | 451-92-D-8060 | K04599  | 12/92 | Updated, 12/95     |      |
| 00-782-2627 | 600-69-C-1277 | 9       | 05/69 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1075 | 19      | 05/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1075 | 21      | 05/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1883 | 75      | 06/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1883 | 78      | 07/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1884 | 24      | 05/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1884 | 25      | 08/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1884 | 26      | 08/71 | Failed, condemned  |      |
| 00-782-2627 | 600-71-C-1884 | 27      | 08/71 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-0985 | 29      | 11/71 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-0985 | 30      | 11/71 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-0985 | 31      | 11/71 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-1329 | 1       | 03/72 | Failed, condemned, | 1987 |
| 00-782-2627 | 600-72-C-1329 | 1       | 05/72 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-1329 | 3       | 05/72 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-1781 | 3       | 08/72 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-1781 | 4       | 08/72 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-1781 | 5       | 08/72 | Failed, condemned  |      |
| 00-782-2627 | 600-72-C-1782 | 79      | 09/72 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1194 | 1R      | 11/72 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1196 | 92      | 11/72 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1480 | 2       | 11/73 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1481 | 7       | 02/73 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1481 | 8       | 05/73 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1591 | 4       | 05/73 | Failed, condemned  |      |
| 00-782-2627 | 600-73-C-1593 | 80      | 07/73 | Failed, condemned  |      |
| 00-782-2627 | 600-74-C-1206 | 6       | 11/73 | Failed, condemned  |      |
| 00-782-2627 | 600-74-C-1206 | 7       | 11/73 | Failed, condemned, | 1985 |
| 00-782-2627 | 600-74-C-1344 | 8       | 02/74 | Failed, condemned  |      |
| 00-782-2627 | 600-74-C-1345 | 2       | 03/74 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1158 | 13      | 11/74 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1158 | 14      | 11/74 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1158 | 15      | 11/74 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1158 | 16      | 11/74 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1354 | 17      | 02/75 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1354 | 18      | 02/75 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1738 | 21      | 08/75 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1738 | 22      | 08/75 | Failed, condemned  |      |
| 00-782-2627 | 600-75-C-1739 | 6       | 07/75 | Failed, condemned  |      |
| 00-782-2627 | 600-76-C-1101 | 11      | 12/75 | Failed, condemned  |      |
| 00-782-2627 | 600-76-C-1101 | 13      | 01/76 | Failed, condemned  |      |
| 00-782-2627 | 600-76-C-1102 | 23      | 11/75 | Failed, condemned  |      |
| 00-782-2627 | 600-76-C-1102 | 24      | 11/75 | Failed, condemned  |      |
| 00-782-2627 | 600-76-C-1295 | 25      | 02/76 | Failed, condemned  |      |
| 00-782-2627 | 600-76-C-1295 | 26      | 02/76 | Failed, condemned  |      |

|             |               |      |       |                         |
|-------------|---------------|------|-------|-------------------------|
| 00-782-2627 | 600-76-C-1295 | 27   | 02/76 | Failed, condemned       |
| 00-782-2627 | 600-76-C-1499 | 4475 | 02/76 | Failed, condemned       |
| 00-782-2627 | 600-76-C-1619 | 16   | 06/76 | Failed, condemned, 1986 |
| 00-782-2627 | 600-76-C-1738 | 28   | 05/76 | Failed, condemned       |
| 00-782-2627 | 600-76-C-2116 | 19   | 11/76 | Failed, condemned       |
| 00-782-2627 | 600-76-C-4834 | 31   | 08/76 | Failed, condemned       |
| 00-782-2627 | 600-76-C-4834 | 32   | 11/76 | Failed, condemned       |
| 00-782-2627 | 600-76-C-4834 | 33   | 11/76 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0634 | 20   | 03/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0634 | 23   | 07/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0677 | 33   | 11/76 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0677 | 34   | 02/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0944 | 24   | 07/77 | Updated, 08/93          |
| 00-782-2627 | 600-77-C-0944 | 25   | 09/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0944 | 26   | 11/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0945 | 35   | 05/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0945 | 36   | 08/77 | Failed, condemned       |
| 00-782-2627 | 600-77-C-0945 | 38   | 11/77 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0690 | 40   | 02/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0690 | 41   | 02/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0691 | 28   | 02/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0940 | 32   | 05/78 | Failed, condemned, 1987 |
| 00-782-2627 | 600-78-C-0940 | 33   | 00/00 | Updated, 05/96          |
| 00-782-2627 | 600-78-C-0940 | 38   | 00/00 | Updated, 03/96          |
| 00-782-2627 | 600-78-C-0941 | 2    | 08/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0941 | 3    | 08/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0941 | 4806 | 08/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-0941 | 4854 | 11/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-1305 | 41   | 11/78 | Updated, 08/94          |
| 00-782-2627 | 600-78-C-1498 | 44   | 12/78 | Failed, condemned       |
| 00-782-2627 | 600-78-C-1499 | FRA1 | 05/79 | Failed, condemned, 1988 |
| 00-782-2627 | 600-78-C-1499 | FRM1 | 02/79 | Failed, condemned       |
| 00-782-2627 | 600-79-C-0572 | 47   | 02/79 | Updated, 05/93          |
| 00-782-2627 | 600-79-C-0836 | 50   | 03/79 | Updated, 01/96          |
| 00-782-2627 | 600-79-C-0836 | 51   | 04/79 | Updated, 08/94          |
| 00-782-2627 | 600-79-C-0836 | 52   | 04/79 | Failed, condemned       |
| 00-782-2627 | 600-79-C-0916 | 8    | 05/79 | Failed, condemned       |
| 00-782-2627 | 600-79-C-0916 | FRU1 | 05/79 | Failed, condemned       |
| 00-782-2627 | 600-79-C-1125 | 55   | 07/79 | Updated, 06/93          |
| 00-782-2627 | 600-79-C-1125 | 57   | 07/79 | Failed, condemned       |
| 00-782-2627 | 600-79-C-1577 | 59   | 11/79 | Updated, 04/95          |
| 00-782-2627 | 600-79-C-1577 | 60   | 11/79 | Failed, condemned, 1988 |
| 00-782-2627 | 600-79-C-1577 | 61   | 11/79 | Failed, condemned       |
| 00-782-2627 | 600-79-C-1577 | 64   | 01/80 | Failed, condemned, 1992 |
| 00-782-2627 | 600-79-C-1577 | 66   | 01/80 | Updated, 02/95          |
| 00-782-2627 | 600-79-C-1577 | 67   | 01/80 | Updated, 08/94          |
| 00-782-2627 | 600-79-C-1577 | 68   | 01/80 | Updated, 07/94          |
| 00-782-2627 | 600-79-C-1577 | 72   | 02/80 | Updated, 12/94          |
| 00-782-2627 | 600-80-C-0907 | 74   | 05/80 | Failed, condemned, 1993 |
| 00-782-2627 | 600-80-C-0907 | 75   | 05/80 | Failed, condemned, 1991 |
| 00-782-2627 | 600-80-C-0907 | 76   | 05/80 | Failed, condemned       |
| 00-782-2627 | 600-80-C-0907 | 77   | 05/80 | Failed, condemned       |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-782-2627 | 600-80-C-0907 | 78     | 06/80 | Updated, 05/94          |
| 00-782-2627 | 600-80-C-0907 | 79     | 06/80 | Updated, 05/94          |
| 00-782-2627 | 600-80-C-0907 | 80     | 06/80 | Updated, 11/94          |
| 00-782-2627 | 600-80-C-0907 | 81     | 06/80 | Failed, condemned, 1988 |
| 00-782-2627 | 600-80-C-0907 | 82     | 06/80 | Failed, condemned       |
| 00-782-2627 | 600-80-C-0907 | 83     | 06/80 | Failed, condemned, 1991 |
| 00-782-2627 | 600-80-C-0907 | 84     | 08/80 | Updated, 11/94          |
| 00-782-2627 | 600-80-C-0907 | 85     | 08/80 | Updated, 05/94          |
| 00-782-2627 | 600-80-C-0907 | 87     | 09/80 | Failed, condemned, 1990 |
| 00-782-2627 | 600-80-C-1337 | 12     | 10/80 | Failed, condemned, 1987 |
| 00-782-2627 | 600-80-C-1337 | 88     | 09/80 | Failed, condemned, 1991 |
| 00-782-2627 | 600-80-C-1337 | 89     | 09/80 | Failed, condemned, 1988 |
| 00-782-2627 | 600-80-C-1337 | 90     | 10/80 | Failed, condemned, 1987 |
| 00-782-2627 | 600-80-C-1337 | 91     | 10/80 | Failed, condemned, 1989 |
| 00-782-2627 | 600-80-C-1337 | 92     | 00/00 | Failed, condemned, 1991 |
| 00-782-2627 | 600-80-C-1380 | 12     | 05/81 | Failed, condemned, 1987 |
| 00-782-2627 | 600-80-C-1381 | 100    | 02/81 | Failed, condemned, 1988 |
| 00-782-2627 | 600-80-C-1381 | 92     | 11/80 | Failed, condemned, 1988 |
| 00-782-2627 | 600-80-C-1381 | 95     | 12/80 | Failed, condemned, 1992 |
| 00-782-2627 | 600-80-C-1381 | 96     | 12/80 | Updated, 06/95          |
| 00-782-2627 | 600-80-C-1381 | 97     | 02/81 | Failed, condemned, 1988 |
| 00-782-2627 | 600-80-C-1381 | 98     | 02/81 | Updated, 06/94          |
| 00-782-2627 | 600-80-C-1381 | 99     | 02/81 | Failed, condemned, 1989 |
| 00-782-2627 | 600-81-C-0792 | 101    | 03/81 | Failed, condemned, 1989 |
| 00-782-2627 | 600-81-C-0792 | 102    | 03/81 | Failed, condemned, 1986 |
| 00-782-2627 | 600-81-C-0792 | 103    | 03/81 | Failed, condemned, 1985 |
| 00-782-2627 | 600-81-C-0792 | 104    | 04/81 | Failed, condemned, 1990 |
| 00-782-2627 | 600-81-C-0792 | 105    | 04/81 | Updated, 03/96          |
| 00-782-2627 | 600-81-C-0792 | 106    | 04/81 | Updated, 07/93          |
| 00-782-2627 | 600-81-C-0792 | 107    | 04/81 | Failed, condemned, 1991 |
| 00-782-2627 | 600-81-C-0792 | 108    | 06/81 | Failed, condemned, 1988 |
| 00-782-2627 | 600-81-C-0792 | 109    | 05/81 | Failed, condemned, 1986 |
| 00-782-2627 | 600-81-C-0792 | 116    | 06/81 | Failed, condemned, 1988 |
| 00-782-2627 | 600-81-C-0793 | 8      | 02/81 | Failed, condemned       |
| 00-782-2627 | 600-81-C-1129 | 117    | 09/81 | Updated, 10/95          |
| 00-782-2627 | 600-81-C-1129 | 118    | 09/81 | Updated, 11/94          |
| 00-782-2627 | 600-81-C-1129 | 119    | 11/81 | Failed, condemned, 1986 |
| 00-782-2627 | 600-81-C-1129 | 123    | 01/82 | Failed, condemned, 1988 |
| 00-782-2627 | 600-81-C-1130 | 10     | 08/81 | Failed, condemned       |
| 00-782-2627 | 600-82-C-1238 | 2753L1 | 12/82 | Failed, condemned       |
| 00-782-2627 | 600-82-C-1463 | 15     | 11/82 | Failed, condemned, 1988 |
| 00-782-2627 | 600-82-C-1464 | 10     | 02/83 | Updated, 12/94          |
| 00-782-2627 | 600-83-C-0810 | 134    | 04/83 | Updated, 12/94          |
| 00-782-2627 | 600-83-C-0810 | 137    | 07/83 | Updated, 11/94          |
| 00-782-2627 | 600-83-C-0810 | 139    | 04/83 | Updated, 11/94          |
| 00-782-2627 | 600-83-C-0977 | 12     | 05/83 | Updated, 08/94          |
| 00-782-2627 | 600-83-C-0977 | 13     | 08/83 | Updated, 08/95          |
| 00-782-2627 | 600-83-C-1029 | 95     | 08/83 | Updated, 05/94          |
| 00-782-2627 | 600-83-C-1029 | 98     | 08/83 | Updated, 01/95          |
| 00-782-2679 | 400-85-C-F025 | 158    | 11/84 | Updated, 09/93          |
| 00-782-2679 | 400-87-C-8587 | J01015 | 11/87 | Updated, 10/93          |
| 00-782-2679 | 400-89-C-5070 | B02396 | 03/89 | Updated, 05/95          |

|             |               |    |       |                    |      |
|-------------|---------------|----|-------|--------------------|------|
| 00-782-2679 | 600-81-C-1130 | 9  | 05/81 | Failed, condemned, | 1985 |
| 00-782-2679 | 600-83-C-1233 | 16 | 02/84 | Updated, 10/93     |      |

**Specification: MIL-G-10924**

|             |               |            |       |                    |      |
|-------------|---------------|------------|-------|--------------------|------|
| 00-190-0904 | 400-86-C-5067 | 260060486  | 02/86 | Failed, condemned, | 1990 |
| 00-190-0904 | 400-87-C-2122 | 760861287  | 08/87 | Failed, condemned, | 1989 |
| 00-190-0904 | 400-87-D-0046 | 462788     | 05/88 | Updated, 05/94     |      |
| 00-190-0904 | 400-87-M-H125 | 561987     | 05/87 | Failed, condemned, | 1988 |
| 00-190-0904 | 400-88-M-6703 | 360060188  | 05/88 | Updated, 04/94     |      |
| 00-190-0904 | 400-88-M-6723 | 360060188  | 05/88 | Updated, 06/94     |      |
| 00-190-0904 | 600-72-C-1487 | 53         | 05/72 | Failed, condemned, | 1986 |
| 00-190-0904 | 600-79-C-1067 | 1          | 05/79 | Failed, condemned, | 1987 |
| 00-190-0904 | 600-82-C-0980 | 410082     | 05/82 | Failed, condemned, | 1988 |
| 00-190-0904 | 600-82-C-0980 | 410782     | 05/82 | Failed, condemned, | 1987 |
| 00-190-0905 | 400-84-C-F116 | 736084     | 08/84 | Failed, condemned, | 1990 |
| 00-190-0905 | 400-85-C-5358 | 660061485  | 05/85 | Failed, condemned, | 1988 |
| 00-190-0905 | 400-87-C-5210 | 260063187  | 03/87 | Updated, 02/95     |      |
| 00-190-0905 | 400-87-C-5257 | 560061887  | 05/87 | Updated, 06/93     |      |
| 00-190-0905 | 400-87-C-5507 | 1060061687 | 11/87 | Updated, 05/94     |      |
| 00-190-0905 | 600-75-C-120? | 112        | 11/74 | Failed, condemned, | 1991 |
| 00-190-0907 | 400-84-D-0042 | 1113584121 | 11/84 | Failed, condemned, | 1986 |
| 00-190-0907 | 400-85-D-0049 | 102785     | 11/85 | Failed, condemned, | 1989 |
| 00-190-0907 | 400-85-D-0049 | 1260085    | 11/85 | Failed, condemned  |      |
| 00-190-0907 | 400-85-D-0049 | 1261885    | 11/85 | Failed, condemned, | 1992 |
| 00-190-0907 | 400-85-D-0049 | 164086     | 02/86 | Failed, condemned, | 1988 |
| 00-190-0907 | 400-85-D-0049 | 164386     | 00/00 | Failed, condemned, | 1990 |
| 00-190-0907 | 400-85-D-0049 | 863185     | 08/85 | Failed, condemned  |      |
| 00-190-0907 | 400-85-D-0049 | 865785     | 08/85 | Failed, condemned, | 1988 |
| 00-190-0907 | 400-85-D-0049 | 961985     | 08/85 | Failed, condemned, | 1988 |
| 00-190-0907 | 400-85-D-0049 | 962985     | 00/00 | Failed, condemned, | 1987 |
| 00-190-0907 | 400-86-D-0035 | 1261686    | 11/86 | Failed, condemned, | 1992 |
| 00-190-0907 | 400-86-D-0035 | 161887     | 00/00 | Failed, condemned, | 1989 |
| 00-190-0907 | 400-86-D-0035 | 660486     | 05/86 | Failed, condemned, | 1988 |
| 00-190-0907 | 400-86-M-A419 | 265286     | 02/86 | Failed, condemned, | 1988 |
| 00-190-0907 | 400-87-C-0046 | 661587     | 06/87 | Updated, 12/93     |      |
| 00-190-0907 | 400-88-D-0089 | 165589     | 00/00 | Failed, condemned, | 1992 |
| 00-190-0907 | 600-78-C-1346 | 7435C      | 08/78 | Updated, 04/94     |      |
| 00-190-0907 | 600-78-D-1752 | K26W812    | 00/00 | Failed, condemned, | 1987 |
| 00-190-0907 | 600-81-C-1809 | 8070042    | 00/00 | Failed, condemned, | 1988 |
| 00-190-0907 | 600-81-D-1609 | 319022     | 02/82 | Failed, condemned, | 1986 |
| 00-190-0907 | 600-81-D-1609 | 415032     | 02/82 | Updated, 03/94     |      |
| 00-190-0907 | 600-81-D-1609 | 602042     | 05/82 | Failed, condemned, | 1987 |
| 00-190-0907 | 600-81-D-1609 | JD021      | 00/00 | Failed, condemned, | 1987 |
| 00-190-0907 | 600-82-D-1500 | 210112483  | 02/83 | Updated, 02/94     |      |
| 00-190-0907 | 600-82-D-1509 | 276013     | 02/83 | Failed, condemned, | 1987 |
| 00-190-0907 | 600-83-D-1400 | 3265084    | 00/00 | Failed, condemned, | 1986 |
| 00-190-0907 | 600-83-D-1400 | 611083     | 08/81 | Failed, condemned, | 1986 |
| 00-190-0907 | 600-83-D-1406 | 038084     | 00/00 | Failed, condemned, | 1987 |
| 00-190-0907 | 600-83-D-1406 | 075044     | 02/84 | Failed, condemned, | 1988 |
| 00-190-0907 | 600-83-D-1406 | 098084     | 08/84 | Failed, condemned, | 1987 |
| 00-190-0907 | 600-83-D-1406 | 249094     | 08/84 | Failed, condemned, | 1986 |
| 00-190-0907 | 600-83-D-1406 | 956084     | 08/84 | Failed, condemned, | 1987 |

|             |               |           |       |                    |      |
|-------------|---------------|-----------|-------|--------------------|------|
| 00-190-0907 | 600-83-D-1406 | JD001     | 00/00 | Failed, condemned, | 1987 |
| 00-530-7369 | 400-84-C-F162 | 9304284   | 08/84 | Failed, condemned, | 1986 |
| 00-530-7369 | 400-85-D-0035 | 863086    | 08/86 | Failed, condemned, | 1987 |
| 00-530-7369 | 400-85-D-0049 | 264386    | 02/86 | Failed, condemned, | 1988 |
| 00-530-7369 | 400-85-D-0049 | 864785    | 08/85 | Failed, condemned, | 1990 |
| 00-530-7369 | 400-85-D-0049 | 962385    | 08/85 | Failed, condemned, | 1989 |
| 00-530-7369 | 400-86-D-0035 | 361187    | 02/87 | Failed, condemned, | 1989 |
| 00-530-7369 | 400-86-D-0035 | 960586    | 00/00 | Failed, condemned, | 1990 |
| 00-530-7369 | 400-87-D-0046 | 161088    | 00/00 | Updated, 04/94     |      |
| 00-530-7369 | 400-87-D-0046 | 960687    | 08/87 | Updated, 06/94     |      |
| 00-530-7369 | 400-87-D-0049 | B70993J23 | 08/87 | Updated, 06/94     |      |
| 00-530-7369 | 400-88-D-0089 | 160489    | 01/89 | Updated, 03/94     |      |
| 00-530-7369 | 400-88-D-0089 | OLA463488 | 00/00 | Updated, 07/94     |      |
| 00-530-7369 | 600-78-C-0741 | 815       | 00/00 | Failed, condemned  |      |
| 00-530-7369 | 600-78-C-0741 | 826       | 02/78 | Failed, condemned, | 1988 |
| 00-530-7369 | 600-80-D-1305 | MAR81194  | 05/81 | Failed, condemned, | 1988 |
| 00-530-7369 | 600-83-D-1400 | 211411984 | 00/00 | Failed, condemned, | 1987 |
| 00-935-1017 | 400-84-C-F025 | 510111384 | 05/84 | Failed, condemned, | 1986 |
| 00-935-1017 | 400-85-C-1753 | 760060885 | 07/85 | Failed, condemned, | 1989 |
| 00-935-1017 | 400-85-C-1753 | 960060885 | 11/85 | Failed, condemned, | 1989 |
| 00-935-1017 | 400-86-C-2149 | B6001     | 11/88 | Updated, 11/93     |      |
| 00-935-1017 | 400-86-C-2149 | B6002     | 11/85 | Updated, 06/93     |      |
| 00-935-1017 | 400-86-C-2149 | B6003     | 11/86 | Updated, 03/95     |      |
| 00-935-1017 | 400-86-C-2149 | B6004     | 11/86 | Updated, 07/94     |      |
| 00-935-1017 | 400-86-C-2149 | B6005     | 11/88 | Updated, 12/93     |      |
| 00-935-1017 | 400-86-C-2149 | OLA6006   | 11/86 | Failed, condemned, | 1989 |
| 00-935-1017 | 400-86-C-2149 | OLA611907 | 11/86 | Failed, condemned, | 1988 |
| 00-935-1017 | 400-86-C-2149 | OLA611908 | 11/86 | Failed, condemned, | 1989 |
| 00-935-1017 | 400-87-C-2142 | 760060787 | 08/87 | Updated, 11/93     |      |
| 00-935-1017 | 400-88-C-0346 | M7703     | 05/88 | Failed, condemned, | 1993 |
| 00-935-1017 | 400-89-C-0176 | 260060589 | 02/89 | Updated, 04/94     |      |

Specification : MIL-G-10924 (E revision & after)

|             |               |           |       |                     |       |
|-------------|---------------|-----------|-------|---------------------|-------|
| 01-197-7689 | 400-90-C-5064 | 260090    | 02/90 | Failed, condemned,  | 1992  |
| 01-197-7689 | 400-90-C-5064 | 260390    | 02/90 | Updated, 05/94      |       |
| 01-197-7689 | 400-90-C-5064 | 260490    | 02/90 | Failed, condemned,  | 1992  |
| 01-197-7689 | 400-90-C-5064 | 260790    | 00/00 | Updated, 02/94      |       |
| 01-197-7689 | 400-90-C-5064 | 261090    | 02/90 | Updated, 03/94      |       |
| 01-197-7689 | 400-90-C-5064 | 261190    | 05/90 | Updated, 07/94      |       |
| 01-197-7689 | 400-90-C-5064 | 261290    | 05/90 | Updated, 01/95      |       |
| 01-197-7689 | 400-90-C-5064 | 261390    | 05/90 | Updated, 02/94      |       |
| 01-197-7689 | 400-91-C-5019 | OLA101249 | 02/91 | Updated, 01/95      |       |
| 01-197-7689 | 400-91-C-5019 | OLA102076 | 02/91 | Failed but updated, | 02/95 |
| 01-197-7690 | 400-91-C-5053 | OLA012147 | 01/91 | Failed, condemned,  | 1993  |
| 01-197-7690 | 400-91-C-5053 | OLA012148 | 01/91 | Failed, condemned,  | 1993  |
| 01-197-7690 | 400-91-C-5053 | OLA012149 | 01/91 | Updated, 02/95      |       |
| 01-197-7690 | 400-91-C-5053 | OLA101010 | 01/91 | Failed but updated, | 02/95 |
| 01-197-7690 | 400-91-C-5285 | OLA104091 | 04/91 | Updated, 02/95      |       |
| 01-197-7690 | 400-91-C-5285 | OLA104098 | 04/91 | Failed but updated, | 04/95 |
| 01-197-7690 | 400-91-C-5285 | OLA105067 | 04/91 | Updated, 04/95      |       |
| 01-197-7690 | 400-91-C-5285 | OLA105068 | 05/91 | Updated, 05/95      |       |
| 01-197-7691 | 400-89-D-0073 | OLA001243 | 02/90 | Failed, condemned,  | 1993  |

|             |               |           |       |                     |       |
|-------------|---------------|-----------|-------|---------------------|-------|
| 01-197-7691 | 400-89-D-0073 | OLA004045 | 00/00 | Failed, condemned,  | 1992  |
| 01-197-7691 | 400-89-D-0073 | OLA005085 | 00/00 | Updated, 07/94      |       |
| 01-197-7691 | 400-90-D-0002 | OLA004194 | 05/90 | Failed, condemned,  | 1992  |
| 01-197-7691 | 400-90-D-0002 | OLA005082 | 00/00 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-89-D-0017 | OLA103108 | 00/00 | Failed, condemned,  | 1993  |
| 01-197-7692 | 400-89-D-0073 | OLA001074 | 02/90 | Failed but updated, | 12/94 |
| 01-197-7692 | 400-89-D-0073 | OLA001157 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA001158 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA001211 | 02/90 | Updated, 04/94      |       |
| 01-197-7692 | 400-89-D-0073 | OLA001212 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA001213 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA001241 | 02/90 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-89-D-0073 | OLA002024 | 02/90 | Updated, 03/94      |       |
| 01-197-7692 | 400-89-D-0073 | OLA002029 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA002153 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA002154 | 02/90 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-89-D-0073 | OLA002155 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA002194 | 02/90 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-89-D-0073 | OLA002197 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA003047 | 02/90 | Updated, 03/94      |       |
| 01-197-7692 | 400-89-D-0073 | OLA003086 | 02/90 | Updated, 01/94      |       |
| 01-197-7692 | 400-89-D-0073 | OLA003087 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA003122 | 02/90 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-89-D-0073 | OLA003194 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA003195 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA003197 | 00/00 | Failed, condemned   |       |
| 01-197-7692 | 400-89-D-0073 | OLA911025 | 11/89 | Failed but updated, | 12/94 |
| 01-197-7692 | 400-89-D-0073 | OLA911106 | 11/89 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-89-D-0073 | OLA912053 | 11/89 | Updated, 03/94      |       |
| 01-197-7692 | 400-90-D-0002 | OLA003282 | 00/00 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-90-D-0002 | OLA004043 | 00/00 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-90-D-0002 | OLA004196 | 00/00 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-90-D-0002 | OLA004197 | 05/90 | Failed, condemned,  | 1992  |
| 01-197-7692 | 400-91-D-0017 | OLA101251 | 02/91 | Failed but updated, | 05/95 |
| 01-197-7692 | 400-91-D-0017 | OLA104007 | 04/91 | Updated, 04/95      |       |
| 01-197-7692 | 400-91-D-0107 | OLA103107 | 03/91 | Updated, 12/94      |       |
| 01-197-7693 | 400-89-C-5340 | OLA006031 | 08/90 | Updated, 07/94      |       |
| 01-197-7693 | 400-89-C-5390 | 001       | 00/00 | Updated, 10/94      |       |
| 01-197-7693 | 400-89-C-5390 | OLA006027 | 00/00 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006028 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006029 | 08/90 | Updated, 07/94      |       |
| 01-197-7693 | 400-89-C-5390 | OLA006031 | 00/00 | Updated, 07/94      |       |
| 01-197-7693 | 400-89-C-5390 | OLA006032 | 08/90 | Updated, 10/94      |       |
| 01-197-7693 | 400-89-C-5390 | OLA006035 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006036 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006037 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006038 | 08/90 | Updated, 07/94      |       |
| 01-197-7693 | 400-89-C-5390 | OLA006039 | 08/90 | Failed but updated, | 04/95 |
| 01-197-7693 | 400-89-C-5390 | OLA006040 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006041 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006042 | 08/90 | Failed, condemned,  | 1992  |
| 01-197-7693 | 400-89-C-5390 | OLA006043 | 08/90 | Updated, 08/94      |       |

|             |               |           |       |                           |
|-------------|---------------|-----------|-------|---------------------------|
| 01-197-7693 | 400-89-C-5390 | OLA006056 | 08/90 | Failed, condemned, 1992   |
| 01-197-7693 | 400-89-C-5390 | OLA101138 | 02/91 | Failed but updated, 04/95 |
| 01-197-7693 | 400-89-C-5390 | OLA101139 | 02/91 | Updated, 01/95            |
| 01-197-7693 | 400-89-C-5390 | OLA101140 | 02/91 | Failed but updated, 02/95 |
| 01-197-7693 | 400-90-C-0820 | 1         | 05/90 | Updated, 06/94            |
| 01-197-7693 | 400-90-C-0820 | 2         | 05/90 | Updated, 06/94            |
| 01-197-7693 | 400-90-C-0820 | 3         | 05/90 | Failed, condemned, 1992   |
| 01-197-7693 | 400-90-D-0002 | OLA004196 | 05/90 | Failed, condemned, 1992   |

Specification: MIL-G-21164

|             |               |              |       |                           |
|-------------|---------------|--------------|-------|---------------------------|
| 00-223-4004 | 400-85-C-5615 | 31           | 11/85 | Updated, 03/94            |
| 00-223-4004 | 400-86-C-1389 | 729056       | 05/86 | Failed, condemned, 1991   |
| 00-223-4004 | 400-86-C-3426 | 041017441096 | 02/87 | Updated, 08/93            |
| 00-223-4004 | 400-86-C-3426 | 720056       | 11/86 | Updated, 11/93            |
| 00-223-4004 | 400-88-M-S176 | G1949M       | 08/88 | Failed but updated, 08/94 |
| 00-223-4004 | 400-89-C-1720 | 102489       | 10/89 | Updated, 08/93            |
| 00-223-4004 | 400-89-M-4287 | 891          | 02/89 | Updated, 02/95            |
| 00-223-4004 | 400-90-C-0951 | 903          | 08/90 | Updated, 07/93            |
| 00-223-4004 | 400-91-C-5171 | 911          | 02/91 | Updated, 03/94            |
| 00-223-4004 | 400-91-C-5171 | 912          | 02/91 | Updated, 04/94            |
| 00-223-4004 | 400-91-C-5171 | 913          | 05/91 | Updated, 04/95            |
| 00-223-4004 | 400-91-C-5171 | 914          | 05/91 | Updated, 07/94            |
| 00-223-4004 | 600-80-C-0789 | 446010       | 01/80 | Failed, condemned, 1986   |
| 00-754-2595 | 400-81-C-0984 | 95           | 00/00 | Failed, condemned         |
| 00-754-2595 | 400-85-C-5615 | 33           | 02/86 | Updated, 04/95            |
| 00-754-2595 | 400-86-C-1833 | 749056       | 00/00 | Failed, condemned, 1988   |
| 00-754-2595 | 400-87-C-2131 | 2010058      | 05/88 | Updated, 02/94            |
| 00-754-2595 | 400-87-C-2131 | 3104077      | 11/87 | Updated, 09/93            |
| 00-754-2595 | 400-87-C-2131 | 3525087      | 11/87 | Updated, 11/93            |
| 00-754-2595 | 400-88-C-1175 | 2966078      | 08/88 | Updated, 06/94            |
| 00-754-2595 | 400-89-C-1600 | 897          | 11/89 | Updated, 10/93            |
| 00-754-2595 | 400-89-C-1600 | 898          | 11/89 | Updated, 10/93            |
| 00-754-2595 | 400-89-C-1600 | 899          | 02/90 | Updated, 03/94            |
| 00-754-2595 | 400-90-C-0668 | 902          | 05/90 | Updated, 04/94            |
| 00-754-2595 | 400-90-C-1303 | 904          | 08/90 | Updated, 08/93            |
| 00-754-2595 | 400-90-C-1303 | 905          | 08/90 | Updated, 01/95            |
| 00-754-2595 | 400-91-C-0580 | 146541       | 05/91 | Updated, 02/95            |
| 00-754-2595 | 400-91-C-1910 | 0241012      | 02/92 | Updated, 03/95            |
| 00-754-2595 | 400-91-C-1910 | 0383012      | 02/92 | Updated, 03/95            |
| 00-935-4018 | 400-85-C-1022 | 25           | 05/85 | Failed, condemned, 1990   |
| 00-935-4018 | 400-87-C-1389 | 2069057      | 09/87 | Updated, 03/94            |
| 00-935-4018 | 400-88-M-T090 | 83088G       | 08/88 | Updated, 07/93            |
| 00-935-4018 | 400-89-C-1953 | 8910         | 02/90 | Updated, 05/94            |
| 00-935-4018 | 400-89-C-1953 | 899          | 02/90 | Updated, 02/94            |
| 00-935-4018 | 400-89-C-1953 | 901          | 05/90 | Failed, condemned, 1992   |
| 00-935-4018 | 400-90-C-1156 | 3233080      | 08/90 | Updated, 09/94            |
| 00-935-4018 | 600-83-C-1352 | 13           | 11/83 | Failed, condemned, 1985   |
| 00-965-2003 | 400-84-C-F093 | 17           | 00/00 | Updated, 08/94            |
| 00-965-2003 | 400-85-C-1574 | 28           | 05/85 | Updated, 09/93            |
| 00-965-2003 | 400-85-C-1574 | 29           | 08/85 | Updated, 11/94            |
| 00-965-2003 | 400-86-C-5345 | 36           | 00/00 | Updated, 08/93            |
| 00-965-2003 | 400-87-C-0435 | 1382047      | 05/87 | Updated, 09/94            |

|             |               |         |       |                |
|-------------|---------------|---------|-------|----------------|
| 00-965-2003 | 400-89-C-1357 | 894     | 11/89 | Updated, 05/94 |
| 00-965-2003 | 400-89-C-1357 | 896     | 00/00 | Updated, 08/94 |
| 00-965-2003 | 400-89-M-8180 | 892     | 05/89 | Updated, 03/94 |
| 00-965-2003 | 400-90-C-0460 | 902     | 05/90 | Updated, 04/95 |
| 00-965-2003 | 400-90-C-1234 | 2953070 | 08/90 | Updated, 05/94 |
| 00-965-2003 | 400-91-M-B120 | 915     | 06/91 | Updated, 07/94 |
| 00-965-2003 | 400-92-C-0120 | 917     | 12/91 | Updated, 01/95 |
| 00-965-2003 | 600-81-C-0854 | 474021  | 02/81 | Updated, 08/93 |

**Specification: MIL-L-21260**

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-111-0208 | 400-86-D-0080 | 871109 | 04/87 | Failed, condemned, 1989 |
| 00-111-0208 | 400-89-D-0111 | 003    | 11/89 | Updated, 01/94          |
| 00-111-0208 | 400-89-D-0111 | .088   | 05/90 | Updated, 06/94          |
| 00-111-0208 | 400-89-D-0111 | 139    | 00/00 | Updated, 08/94          |
| 00-111-0208 | 600-79-C-0900 | 5409   | 00/00 | Updated, 07/93          |
| 00-111-0208 | 600-79-C-1158 | 5409   | 05/79 | Updated, 10/93          |
| 00-111-0209 | 400-90-C-0076 | 265    | 00/00 | Updated, 11/94          |
| 00-111-0209 | 400-91-C-5124 | 377    | 05/91 | Updated, 04/95          |
| 00-111-0209 | 600-83-D-1180 | K1683  | 11/83 | Updated, 02/95          |
| 00-111-0209 | 600-83-D-1186 | 7199   | 00/00 | Updated, 04/95          |
| 00-111-0210 | 400-87-D-0067 | 969161 | 04/88 | Updated, 06/94          |
| 00-111-0210 | 400-89-D-0111 | 065    | 00/00 | Updated, 02/94          |
| 00-111-0211 | 400-84-D-0079 | 3      | 05/85 | Updated, 02/94          |
| 00-111-3199 | 400-90-D-0076 | 217    | 11/90 | Updated, 03/95          |

**Specification: MIL-L-23699**

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-180-6266 | 400-85-C-5580 | 99     | 11/85 | Failed, condemned, 1992 |
| 00-180-6266 | 400-86-C-5250 | 1H     | 05/86 | Updated, 08/95          |
| 00-180-6266 | 400-86-C-5250 | 1K     | 05/87 | Updated, 11/95          |
| 00-180-6266 | 400-88-C-5369 | 22     | 11/88 | Updated, 11/94          |
| 00-180-6266 | 400-89-C-5201 | 38     | 05/89 | Updated, 03/95          |
| 00-180-6266 | 400-89-C-5399 | 6D     | 08/90 | Updated, 02/96          |
| 00-180-6266 | 600-80-C-1179 | GRD1   | 02/81 | Updated, 06/93          |
| 00-180-6266 | 600-80-C-1179 | HRJ1   | 02/81 | Failed, condemned, 1991 |
| 00-180-6266 | 600-83-C-1376 | 75     | 11/83 | Failed, condemned, 1991 |
| 00-681-5999 | 400-84-C-F076 | OON68  | 00/00 | Failed, condemned, 1992 |
| 00-681-5999 | 400-84-C-F117 | 02T83  | 08/84 | Updated, 11/93          |
| 00-681-5999 | 400-85-C-5548 | 064LI  | 11/85 | Failed, condemned, 1989 |
| 00-681-5999 | 400-86-C-5409 | 169    | 05/86 | Updated, 09/95          |
| 00-681-5999 | 400-87-C-5525 | K01041 | 11/87 | Updated, 04/94          |
| 00-681-5999 | 400-88-C-5117 | B01535 | 03/88 | Updated, 12/93          |
| 00-681-5999 | 400-88-C-5117 | F01949 | 06/88 | Updated, 05/93          |
| 00-681-5999 | 400-89-C-5362 | K02732 | 00/00 | Updated, 03/96          |
| 00-681-5999 | 600-81-C-0919 | 51     | 02/81 | Updated, 10/94          |
| 00-681-5999 | 600-82-C-0745 | OM585  | 02/82 | Failed, condemned, 1986 |
| 00-985-7099 | 400-84-C-F076 | 17     | 00/00 | Updated, 06/95          |
| 00-985-7099 | 400-84-C-F077 | 82     | 00/00 | Updated, 01/96          |
| 00-985-7099 | 400-84-C-F078 | 15     | 05/84 | Failed, condemned       |
| 00-985-7099 | 400-85-C-5266 | 92     | 05/85 | Updated, 05/94          |
| 00-985-7099 | 400-85-C-5266 | 93     | 05/85 | Failed, condemned, 1992 |
| 00-985-7099 | 400-85-C-5266 | 94     | 05/85 | Updated, 04/94          |
| 00-985-7099 | 400-85-C-5580 | 46     | 11/85 | Updated, 10/94          |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-985-7099 | 400-85-C-5580 | 60     | 08/85 | Failed, condemned, 1992 |
| 00-985-7099 | 400-85-C-5580 | 60A    | 11/85 | Updated, 02/95          |
| 00-985-7099 | 400-86-C-0669 | 83     | 05/87 | Updated, 08/94          |
| 00-985-7099 | 400-86-C-5032 | 1E     | 02/86 | Updated, 06/95          |
| 00-985-7099 | 400-86-C-5032 | 1J     | 05/86 | Updated, 11/94          |
| 00-985-7099 | 400-86-C-5032 | 1K     | 05/86 | Updated, 03/95          |
| 00-985-7099 | 400-86-C-5032 | 55     | 05/86 | Updated, 07/94          |
| 00-985-7099 | 400-86-C-5032 | 59     | 05/86 | Updated, 12/94          |
| 00-985-7099 | 400-86-C-5032 | 64     | 08/85 | Updated, 02/96          |
| 00-985-7099 | 400-86-C-5047 | 1D     | 02/86 | Updated, 10/94          |
| 00-985-7099 | 400-86-C-5047 | 1G     | 02/86 | Updated, 02/95          |
| 00-985-7099 | 400-86-C-5047 | 1H     | 05/86 | Updated, 02/95          |
| 00-985-7099 | 400-86-C-5409 | 171    | 07/86 | Failed, condemned, 1992 |
| 00-985-7099 | 400-86-C-5409 | 172    | 07/86 | Updated, 11/94          |
| 00-985-7099 | 400-86-C-5409 | 175    | 07/86 | Updated, 04/96          |
| 00-985-7099 | 400-86-C-5409 | 176    | 07/86 | Updated, 03/95          |
| 00-985-7099 | 400-86-C-5409 | 177    | 07/86 | Updated, 11/95          |
| 00-985-7099 | 400-86-C-5629 | 1R     | 11/86 | Updated, 07/95          |
| 00-985-7099 | 400-86-C-5629 | 1S     | 02/87 | Updated, 07/94          |
| 00-985-7099 | 400-86-C-5629 | 76     | 02/87 | Updated, 02/96          |
| 00-985-7099 | 400-86-C-5629 | 80     | 02/87 | Updated, 07/95          |
| 00-985-7099 | 400-87-C-5142 | 1Z     | 08/87 | Updated, 12/93          |
| 00-985-7099 | 400-87-C-5142 | 2A     | 08/87 | Failed, condemned, 1990 |
| 00-985-7099 | 400-87-C-5142 | 2B     | 08/87 | Failed, condemned, 1990 |
| 00-985-7099 | 400-87-C-5142 | 31     | 09/87 | Failed, condemned, 1990 |
| 00-985-7099 | 400-87-C-5142 | 4      | 08/87 | Updated, 02/95          |
| 00-985-7099 | 400-87-C-5222 | 1W     | 05/87 | Updated, 12/95          |
| 00-985-7099 | 400-87-C-5222 | 1X     | 08/87 | Updated, 11/94          |
| 00-985-7099 | 400-87-C-5222 | 1Y     | 08/87 | Updated, 12/93          |
| 00-985-7099 | 400-87-C-5480 | 2E     | 11/87 | Updated, 05/94          |
| 00-985-7099 | 400-87-C-5480 | 2F     | 11/87 | Updated, 05/96          |
| 00-985-7099 | 400-87-C-5480 | 2G     | 02/88 | Updated, 05/96          |
| 00-985-7099 | 400-87-C-5480 | 2J     | 02/88 | Updated, 04/94          |
| 00-985-7099 | 400-87-C-5480 | 2M     | 02/88 | Updated, 02/94          |
| 00-985-7099 | 400-87-C-5480 | 2N     | 02/88 | Updated, 05/94          |
| 00-985-7099 | 400-87-C-5480 | 2P     | 05/88 | Updated, 06/94          |
| 00-985-7099 | 400-87-C-5480 | 2Q     | 05/88 | Updated, 07/94          |
| 00-985-7099 | 400-87-C-5480 | 2R     | 05/88 | Updated, 11/94          |
| 00-985-7099 | 400-88-C-5108 | 189    | 04/88 | Failed, condemned, 1991 |
| 00-985-7099 | 400-88-C-5108 | 190    | 04/88 | Updated, 06/94          |
| 00-985-7099 | 400-88-C-5108 | 191    | 04/88 | Updated, 03/94          |
| 00-985-7099 | 400-88-C-5108 | 192    | 04/88 | Updated, 06/94          |
| 00-985-7099 | 400-88-C-5108 | 193    | 04/88 | Updated, 03/94          |
| 00-985-7099 | 400-88-C-5108 | 194    | 04/88 | Failed, condemned, 1991 |
| 00-985-7099 | 400-88-C-5117 | F01949 | 05/88 | Updated, 05/93          |
| 00-985-7099 | 400-88-C-5210 | C4584  | 08/88 | Updated, 11/94          |
| 00-985-7099 | 400-88-C-5210 | C4584A | 08/88 | Updated, 09/94          |
| 00-985-7099 | 400-88-C-5210 | C4584B | 08/88 | Updated, 12/94          |
| 00-985-7099 | 400-88-C-5210 | C4584C | 08/88 | Updated, 10/94          |
| 00-985-7099 | 400-88-C-5210 | C4584D | 08/88 | Updated, 12/94          |
| 00-985-7099 | 400-88-C-5210 | C4584E | 08/88 | Updated, 07/94          |
| 00-985-7099 | 400-88-C-5210 | C4584F | 08/88 | Updated, 08/94          |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-985-7099 | 400-88-C-5210 | C4584G | 08/88 | Updated, 08/94          |
| 00-985-7099 | 400-88-C-5210 | C4584H | 08/88 | Updated, 09/94          |
| 00-985-7099 | 400-88-C-5210 | C4584I | 08/88 | Updated, 08/94          |
| 00-985-7099 | 400-88-C-5210 | C4597  | 11/88 | Updated, 02/95          |
| 00-985-7099 | 400-88-C-5210 | C4598  | 11/88 | Updated, 04/95          |
| 00-985-7099 | 400-89-C-5006 | A02375 | 05/89 | Updated, 06/95          |
| 00-985-7099 | 400-89-C-5006 | B02384 | 05/89 | Updated, 02/95          |
| 00-985-7099 | 400-89-C-5006 | C4605  | 11/88 | Updated, 01/95          |
| 00-985-7099 | 400-89-C-5006 | C4609  | 02/89 | Updated, 11/94          |
| 00-985-7099 | 400-89-C-5315 | C4770  | 02/90 | Updated, 03/96          |
| 00-985-7099 | 400-89-C-5315 | C4770B | 02/90 | Updated, 03/96          |
| 00-985-7099 | 400-89-C-5315 | J02721 | 11/89 | Updated, 11/94          |
| 00-985-7099 | 400-90-C-5210 | C4807B | 11/90 | Updated, 12/95          |
| 00-985-7099 | 400-90-C-5346 | 493    | 08/90 | Updated, 01/96          |
| 00-985-7099 | 400-90-C-5402 | C4817  | 02/91 | Updated, 03/95          |
| 00-985-7099 | 400-91-C-5130 | 1N     | 05/91 | Updated, 12/95          |
| 00-985-7099 | 400-91-C-5130 | 3M     | 05/91 | Updated, 03/96          |
| 00-985-7099 | 400-91-C-5130 | C4837  | 05/91 | Updated, 03/95          |
| 00-985-7099 | 400-91-C-5130 | C4837A | 05/91 | Updated, 03/95          |
| 00-985-7099 | 600-72-C-0989 | 6      | 11/71 | Failed, condemned       |
| 00-985-7099 | 600-72-C-1863 | 12     | 10/72 | Failed, condemned       |
| 00-985-7099 | 600-73-C-1254 | 17     | 01/73 | Failed, condemned       |
| 00-985-7099 | 600-73-C-1496 | 5      | 04/73 | Failed, condemned       |
| 00-985-7099 | 600-73-C-1719 | 14     | 09/73 | Failed, condemned       |
| 00-985-7099 | 600-73-C-1719 | 8      | 08/73 | Failed, condemned       |
| 00-985-7099 | 600-74-C-1318 | 11     | 05/74 | Failed, condemned, 1987 |
| 00-985-7099 | 600-74-C-1613 | 12     | 06/74 | Failed, condemned, 1985 |
| 00-985-7099 | 600-74-C-1731 | 13     | 08/74 | Failed, condemned, 1987 |
| 00-985-7099 | 600-74-C-1731 | 14     | 09/74 | Failed, condemned, 1987 |
| 00-985-7099 | 600-75-C-1103 | 15     | 11/74 | Failed, condemned       |
| 00-985-7099 | 600-75-C-1103 | 16     | 11/74 | Failed, condemned       |
| 00-985-7099 | 600-75-C-1853 | 2      | 08/75 | Failed, condemned       |
| 00-985-7099 | 600-75-C-1853 | 3      | 08/75 | Failed, condemned, 1985 |
| 00-985-7099 | 600-75-C-1853 | 7      | 08/75 | Failed, condemned       |
| 00-985-7099 | 600-75-C-1853 | 8      | 11/75 | Failed, condemned, 1986 |
| 00-985-7099 | 600-75-C-1854 | BRT1   | 11/75 | Failed, condemned       |
| 00-985-7099 | 600-76-C-1528 | 13     | 03/76 | Failed, condemned, 1987 |
| 00-985-7099 | 600-76-C-4924 | 16     | 11/76 | Failed, condemned, 1986 |
| 00-985-7099 | 600-77-C-0668 | CRG1   | 02/77 | Failed, condemned       |
| 00-985-7099 | 600-78-C-0585 | 20     | 11/77 | Failed, condemned       |
| 00-985-7099 | 600-78-C-1184 | 24     | 08/78 | Failed, condemned, 1991 |
| 00-985-7099 | 600-79-C-1248 | 39     | 08/79 | Failed, condemned, 1986 |
| 00-985-7099 | 600-79-C-1248 | 40     | 02/80 | Updated, 04/96          |
| 00-985-7099 | 600-79-C-1248 | 41     | 11/79 | Failed, condemned, 1987 |
| 00-985-7099 | 600-80-C-0669 | 34     | 02/80 | Updated, 08/95          |
| 00-985-7099 | 600-80-C-0669 | 35     | 02/80 | Updated, 08/93          |
| 00-985-7099 | 600-80-C-0669 | 36     | 02/80 | Failed, condemned, 1992 |
| 00-985-7099 | 600-80-C-0671 | 42     | 05/82 | Failed, condemned       |
| 00-985-7099 | 600-80-C-0699 | 34     | 02/80 | Updated, 08/95          |
| 00-985-7099 | 600-80-C-0997 | 08     | 04/80 | Updated, 03/94          |
| 00-985-7099 | 600-80-C-1066 | 43     | 05/80 | Failed, condemned       |
| 00-985-7099 | 600-80-C-1178 | 45     | 08/80 | Updated, 06/94          |

|             |               |     |       |                         |
|-------------|---------------|-----|-------|-------------------------|
| 00-985-7099 | 600-80-C-1341 | 47  | 11/80 | Updated, 12/93          |
| 00-985-7099 | 600-80-C-1504 | 57  | 02/81 | Updated, 04/95          |
| 00-985-7099 | 600-80-C-1504 | 59  | 02/81 | Failed, condemned, 1990 |
| 00-985-7099 | 600-80-C-1517 | 48  | 11/80 | Updated, 07/95          |
| 00-985-7099 | 600-81-C-1582 | 53  | 05/81 | Failed, condemned, 1992 |
| 00-985-7099 | 600-81-C-1582 | 54  | 08/81 | Updated, 06/93          |
| 00-985-7099 | 600-81-C-1584 | 112 | 06/81 | Failed, condemned, 1993 |
| 00-985-7099 | 600-82-C-0964 | 10  | 05/82 | Updated, 12/93          |
| 00-985-7099 | 600-82-C-0964 | 30  | 05/82 | Failed, condemned, 1988 |
| 00-985-7099 | 600-82-C-0964 | 40  | 05/82 | Updated, 06/94          |
| 00-985-7099 | 600-82-C-0964 | 50  | 05/82 | Updated, 06/94          |
| 00-985-7099 | 600-82-C-0988 | 62  | 05/82 | Updated, 03/96          |
| 00-985-7099 | 600-82-C-1393 | 70  | 11/82 | Failed, condemned, 1987 |
| 00-985-7099 | 600-82-C-1395 | 131 | 12/82 | Updated, 01/95          |
| 00-985-7099 | 600-82-C-1457 | 66  | 11/82 | Updated, 10/93          |
| 00-985-7099 | 600-82-C-1457 | 67  | 11/82 | Failed, condemned       |
| 00-985-7099 | 600-83-C-0729 | 79  | 08/83 | Failed, condemned       |
| 00-985-7099 | 600-83-C-1003 | 132 | 06/83 | Updated, 06/93          |
| 00-985-7099 | 600-83-C-1003 | 140 | 05/83 | Updated, 06/94          |
| 00-985-7099 | 600-83-C-1003 | 141 | 06/83 | Updated, 07/95          |
| 00-985-7099 | 600-83-C-1003 | 142 | 06/83 | Updated, 04/94          |
| 00-985-7099 | 600-83-C-1096 | 71  | 05/83 | Updated, 06/94          |
| 00-985-7099 | 600-83-C-1096 | 72  | 08/83 | Updated, 01/96          |
| 00-985-7099 | 600-83-C-1375 | 146 | 11/83 | Updated, 03/95          |
| 00-985-7099 | 600-83-C-1376 | 77  | 11/83 | Updated, 02/96          |
| 00-985-7099 | 600-83-C-1376 | 78  | 02/84 | Updated, 08/95          |
| 01-144-3808 | 600-83-C-1375 | 147 | 11/83 | Failed, condemned, 1992 |
| 01-144-3808 | 600-83-C-1375 | 148 | 11/83 | Updated, 12/93          |
| 01-144-3808 | 600-83-C-1376 | 79  | 02/84 | Failed, condemned, 1987 |

Specification: MIL-G-23827

|             |               |           |       |                         |
|-------------|---------------|-----------|-------|-------------------------|
| 00-935-4017 | 400-84-C-F169 | 18        | 11/84 | Failed, condemned, 1989 |
| 00-935-4017 | 400-85-C-3008 | ALL       | 00/00 | Failed, condemned       |
| 00-935-4017 | 400-87-C-5573 | 35        | 02/88 | Updated, 04/95          |
| 00-935-4017 | 400-89-C-0670 | 660189    | 11/89 | Failed, condemned       |
| 00-935-4017 | 400-89-C-0670 | 660289    | 11/89 | Failed, condemned, 1990 |
| 00-935-4017 | 400-89-C-1694 | 1160089   | 11/89 | Failed, condemned, 1990 |
| 00-935-4017 | 400-90-C-0587 | 360560690 | 02/90 | Failed, condemned, 1992 |
| 00-935-4017 | 400-90-C-1612 | 911       | 02/91 | Updated, 03/94          |
| 00-935-4017 | 400-91-C-5230 | 917       | 06/92 | Updated, 08/94          |
| 00-935-4017 | 600-81-C-1227 | 1         | 08/81 | Failed, condemned, 1987 |
| 00-985-7244 | 400-86-M-7409 | 189076    | 00/00 | Failed, condemned       |
| 00-985-7244 | 400-87-M-BA21 | 34        | 11/87 | Updated, 07/94          |
| 00-985-7244 | 400-88-M-A268 | 36        | 03/88 | Updated, 04/95          |
| 00-985-7244 | 400-88-M-H156 | 2924      | 03/88 | Failed, condemned, 1990 |
| 00-985-7244 | 400-90-M-L532 | 3040      | 05/90 | Updated, 08/93          |
| 00-985-7244 | 400-91-M-F553 | 914       | 05/91 | Updated, 07/94          |
| 00-985-7244 | 400-91-M-Q589 | 918       | 08/91 | Updated, 11/94          |
| 00-985-7245 | 400-85-M-F064 | ALL       | 00/00 | Failed, condemned       |
| 00-985-7245 | 400-86-M-I692 | 24        | 05/86 | Updated, 12/94          |
| 00-985-7245 | 400-86-M-U529 | 20        | 08/86 | Failed, condemned, 1990 |

|             |               |         |       |                           |
|-------------|---------------|---------|-------|---------------------------|
| 00-985-7245 | 400-88-M-J473 | 2925    | 05/88 | Failed, condemned, 1992   |
| 00-985-7245 | 400-89-C-1044 | 73109   | 00/00 | Failed, condemned, 1991   |
| 00-985-7245 | 400-89-M-3123 | 41      | 02/89 | Updated, 01/95            |
| 00-985-7245 | 400-89-M-L628 | 2926    | 07/89 | Failed but updated, 11/94 |
| 00-985-7245 | 400-89-M-X683 | 897     | 12/89 | Updated, 11/93            |
| 00-985-7245 | 400-90-M-BC45 | 3050    | 11/90 | Updated, 01/94            |
| 00-985-7245 | 400-91-C-1466 | 9110    | 11/91 | Updated, 02/95            |
| 00-985-7245 | 400-91-M-CT20 | 9112    | 12/91 | Updated, 02/95            |
| 00-985-7245 | 600-83-C-1274 | 113292  | 11/83 | Failed, condemned, 1985   |
| 00-985-7246 | 400-84-C-F038 | 5190    | 11/84 | Updated, 04/95            |
| 00-985-7246 | 400-84-C-F119 | 16      | 08/84 | Updated, 08/93            |
| 00-985-7246 | 400-86-C-5196 | 24      | 00/00 | Failed, condemned, 1989   |
| 00-985-7246 | 400-87-C-1604 | 29      | 05/87 | Updated, 06/93            |
| 00-985-7246 | 400-87-C-1605 | 1670047 | 09/87 | Failed, condemned, 1991   |
| 00-985-7246 | 400-87-C-3032 | 3461088 | 08/88 | Failed, condemned, 1992   |
| 00-985-7246 | 400-87-C-3032 | 3759098 | 08/88 | Updated, 07/94            |
| 00-985-7246 | 400-88-C-1238 | 36      | 02/88 | Updated, 11/93            |
| 00-985-7246 | 400-90-C-0682 | 903     | 05/90 | Failed, condemned, 1992   |
| 00-985-7246 | 400-90-M-B254 | 903     | 05/90 | Updated, 05/94            |
| 00-985-7246 | 400-91-C-0523 | 913     | 02/91 | Updated, 06/94            |
| 00-985-7246 | 400-91-C-0523 | 914     | 05/91 | Updated, 04/95            |
| 00-985-7246 | 400-91-C-1055 | 918     | 08/91 | Updated, 01/95            |
| 00-985-7246 | 400-91-C-4123 | 918     | 08/91 | Updated, 08/94            |
| 00-985-7246 | 600-82-C-1299 | 4       | 11/82 | Updated, 04/94            |
| 00-985-7247 | 400-84-C-F119 | 15      | 08/84 | Updated, 11/94            |
| 00-985-7247 | 400-85-C-5437 | ALL     | 00/00 | Failed, condemned         |
| 00-985-7247 | 400-87-C-5408 | 32      | 11/87 | Updated, 07/93            |
| 00-985-7247 | 400-87-C-5408 | 33      | 02/88 | Updated, 01/94            |
| 00-985-7247 | 400-87-C-5408 | 34      | 11/87 | Updated, 12/93            |
| 00-985-7247 | 400-88-C-1238 | 37      | 05/88 | Updated, 08/93            |
| 00-985-7247 | 400-88-C-2306 | 40      | 11/88 | Updated, 09/94            |
| 00-985-7247 | 400-88-M-K718 | 39      | 08/88 | Updated, 08/94            |
| 00-985-7247 | 400-90-C-1816 | 908     | 11/90 | Updated, 11/94            |
| 00-985-7247 | 400-90-M-5036 | 010244  | 11/90 | Failed, condemned, 1992   |
| 00-985-7247 | 400-90-M-9531 | 460090  | 05/90 | Updated, 03/94            |
| 00-985-7247 | 400-91-C-5423 | 9110    | 11/91 | Updated, 03/95            |
| 00-985-7247 | 400-91-C-5423 | 9111    | 11/91 | Updated, 12/94            |
| 00-985-7247 | 400-91-C-5423 | 919     | 11/91 | Updated, 11/94            |
| 00-985-7247 | 600-81-C-1223 | 92      | 08/81 | Failed, condemned, 1992   |
| 00-985-7247 | 600-82-C-1299 | 3       | 00/00 | Failed, condemned, 1990   |
| 00-985-7247 | 600-83-C-1275 | 11      | 11/83 | Failed, condemned, 1989   |
| 00-985-7248 | 400-85-C-0540 | 19      | 00/00 | Updated, 03/95            |
| 00-985-7248 | 400-86-C-5196 | 21      | 02/86 | Updated, 08/94            |
| 00-985-7248 | 400-87-C-5573 | 33      | 02/88 | Updated, 06/94            |
| 00-985-7248 | 400-87-C-5573 | 35      | 02/88 | Updated, 01/94            |
| 00-985-7248 | 400-88-C-0817 | 1707048 | 05/88 | Updated, 07/94            |
| 00-985-7248 | 400-88-C-0817 | 1740048 | 05/88 | Updated, 07/94            |
| 00-985-7248 | 400-88-C-0817 | 3940098 | 09/88 | Failed, condemned, 1989   |
| 00-985-7248 | 400-88-C-2397 | 891     | 02/89 | Updated, 12/94            |
| 00-985-7248 | 400-89-C-0636 | 3479079 | 08/88 | Failed, condemned, 1992   |
| 00-985-7248 | 400-89-C-0636 | 3803089 | 08/89 | Updated, 11/94            |
| 00-985-7248 | 400-89-C-1614 | 911     | 03/91 | Updated, 03/94            |

|             |               |           |       |                |
|-------------|---------------|-----------|-------|----------------|
| 00-985-7248 | 400-90-C-0480 | 262462690 | 02/90 | Updated, 04/94 |
| 00-985-7248 | 400-90-C-1614 | 907       | 11/90 | Updated, 12/94 |
| 00-985-7248 | 400-90-C-1614 | 913       | 02/91 | Updated, 04/94 |
| 00-985-7248 | 400-91-C-5230 | 911       | 02/91 | Updated, 02/95 |
| 00-985-7248 | 400-91-C-5230 | 916       | 00/00 | Updated, 10/94 |
| 00-985-7248 | 400-91-C-5230 | 917       | 07/91 | Updated, 01/94 |
| 00-985-7248 | 600-83-C-0869 | 6         | 00/00 | Updated, 06/94 |
| 00-985-7248 | 600-83-C-1038 | 10        | 08/83 | Updated, 02/94 |
| 00-985-7248 | 600-83-C-1038 | 8         | 08/83 | Updated, 03/95 |

Specification: MIL-G-25013

|             |               |       |       |                         |
|-------------|---------------|-------|-------|-------------------------|
| 00-141-6770 | 400-84-C-F147 | 68    | 11/84 | Updated, 03/95          |
| 00-141-6770 | 400-86-C-0934 | 76    | 05/86 | Updated, 12/93          |
| 00-141-6770 | 400-86-C-3340 | 81    | 02/87 | Updated, 04/94          |
| 00-141-6770 | 400-87-C-1671 | 83    | 08/87 | Updated, 10/93          |
| 00-141-6770 | 400-88-C-0304 | 86    | 02/88 | Updated, 04/94          |
| 00-141-6770 | 400-88-C-0304 | 924   | 00/00 | Updated, 04/94          |
| 00-141-6770 | 400-89-C-0822 | 892   | 11/89 | Updated, 10/94          |
| 00-141-6770 | 400-89-C-1954 | 893   | 11/89 | Updated, 12/94          |
| 00-141-6770 | 400-91-C-0574 | 911   | 02/91 | Updated, 03/94          |
| 00-141-6770 | 400-91-C-5220 | 911   | 02/91 | Updated, 03/94          |
| 00-141-6770 | 400-91-C-5220 | 912   | 00/00 | Updated, 07/94          |
| 00-141-6770 | 400-92-C-5020 | 914   | 12/91 | Updated, 01/95          |
| 00-141-6770 | 600-81-C-1152 | 51    | 08/81 | Updated, 09/94          |
| 00-141-6770 | 600-82-C-0651 | 55    | 11/81 | Updated, 09/93          |
| 00-141-6770 | 600-82-C-0832 | 56    | 02/82 | Failed, condemned, 1986 |
| 00-141-6771 | 400-84-C-F148 | 299   | 00/00 | Updated, 07/94          |
| 00-141-6771 | 400-85-C-1476 | 70    | 02/85 | Failed, condemned, 1988 |
| 00-141-6771 | 400-89-M-A122 | 88    | 03/89 | Updated, 05/94          |
| 00-141-6771 | 400-91-M-F564 | 912   | 00/00 | Updated, 07/94          |
| 00-141-6771 | 400-92-C-5020 | 913   | 12/91 | Updated, 12/94          |
| 00-141-6771 | 600-80-M-1206 | 45    | 00/00 | Failed, condemned, 1986 |
| 00-823-8048 | 400-84-M-F018 | 1     | 11/83 | Failed, condemned, 1987 |
| 00-823-8048 | 400-87-M-0398 | 307   | 11/86 | Updated, 03/94          |
| 00-823-8048 | 400-88-M-4260 | 85    | 12/87 | Updated, 07/93          |
| 00-823-8048 | 400-88-M-8199 | DH298 | 03/88 | Updated, 05/94          |
| 00-823-8048 | 400-88-M-U309 | DH342 | 01/89 | Updated, 05/94          |
| 00-823-8048 | 400-89-M-2131 | 88    | 11/88 | Updated, 12/94          |
| 00-823-8048 | 400-90-M-BW66 | 902   | 11/90 | Updated, 04/94          |
| 00-823-8048 | 400-91-M-7809 | 91    | 02/91 | Updated, 07/94          |
| 00-823-8048 | 600-81-C-1246 | 52    | 08/81 | Failed, condemned, 1986 |
| 00-823-8048 | 600-82-C-0832 | 66    | 02/84 | Failed, condemned, 1989 |
| 00-935-4019 | 400-87-M-0286 | 82    | 05/87 | Updated, 08/93          |
| 00-935-4019 | 400-88-M-0543 | 85    | 11/87 | Updated, 10/93          |
| 00-935-4019 | 400-89-M-J265 | 203   | 06/89 | Failed, condemned, 1992 |
| 00-935-4019 | 400-89-M-R303 | 891   | 10/89 | Updated, 03/95          |
| 00-935-4019 | 400-89-M-T472 | 89    | 09/89 | Updated, 12/94          |
| 00-935-4019 | 400-91-M-CR47 | 913   | 11/91 | Updated, 04/95          |
| 00-935-4019 | 400-92-M-7408 | 914   | 03/92 | Updated, 03/95          |
| 00-935-4019 | 600-80-C-1356 | B1116 | 01/81 | Failed, condemned, 1990 |
| 00-935-4019 | 600-82-C-1415 | 2375  | 10/82 | Failed, condemned, 1986 |

**Specification: MIL-H-46001**

|             |               |          |       |                         |
|-------------|---------------|----------|-------|-------------------------|
| 00-966-8830 | 400-85-C-2236 | 1        | 00/00 | Failed, condemned, 1989 |
| 00-966-8830 | 400-85-M-CY93 | 1        | 11/85 | Updated, 11/94          |
| 00-966-8830 | 400-89-M-8819 | 105772   | 02/89 | Updated, 04/95          |
| 00-966-8831 | 400-85-C-F033 | 2926C    | 12/84 | Updated, 03/94          |
| 00-966-8831 | 400-87-C-2143 | F19035   | 00/00 | Updated, 08/93          |
| 00-966-8832 | 400-85-C-2935 | 1        | 11/85 | Updated, 04/94          |
| 00-966-8833 | 400-86-C-0603 | 10030786 | 00/00 | Failed, condemned       |
| 00-966-8835 | 600-82-C-1342 | 211103   | 11/82 | Failed, condemned, 1988 |
| 00-966-8836 | 400-86-M-S750 | 2201     | 07/86 | Failed, condemned, 1991 |
| 00-966-8836 | 400-86-M-S750 | 2261     | 07/86 | Failed, condemned, 1990 |

**Specification: MIL-L-46167**

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-402-2372 | 400-85-C-5520 | 42137  | 00/00 | Failed, condemned, 1990 |
| 00-402-2372 | 400-85-C-5520 | 4256   | 11/85 | Failed, condemned, 1989 |
| 00-402-2372 | 400-86-C-5467 | 8111   | 00/00 | Failed, condemned       |
| 00-402-2372 | 400-87-C-5562 | 4392   | 02/88 | Failed, condemned, 1990 |
| 00-402-2372 | 400-89-C-5267 | 8901   | 09/89 | Updated, 11/93          |
| 00-402-2372 | 400-90-C-0462 | 116711 | 00/00 | Failed, condemned, 1992 |
| 00-402-2372 | 600-82-C-1181 | 2003   | 00/00 | Failed, condemned, 1992 |
| 00-491-7197 | 400-86-C-5467 | 75516  | 08/86 | Updated, 03/94          |
| 00-491-7197 | 400-86-C-5467 | 85566  | 00/00 | Failed, condemned, 1991 |
| 00-491-7197 | 400-86-C-5640 | 84899  | 00/00 | Updated, 04/94          |
| 00-491-7197 | 400-88-C-5349 | 87950  | 00/00 | Failed, condemned, 1993 |
| 00-491-7197 | 400-90-C-5030 | 898    | 00/00 | Updated, 01/94          |
| 00-491-7197 | 600-79-C-0794 | 4629   | 02/79 | Failed, condemned, 1991 |
| 00-491-7197 | 600-83-C-0682 | 2655   | 00/00 | Failed, condemned       |
| 00-491-7197 | 600-83-C-1166 | 4545   | 08/83 | Failed, condemned, 1989 |
| 00-491-7197 | 600-83-C-1332 | 5504   | 00/00 | Failed, condemned, 1990 |
| 00-491-7197 | 600-83-C-1332 | 5943   | 02/84 | Failed, condemned, 1990 |

**Specification: MIL-H-46170**

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-111-6254 | 400-84-C-F022 | 5136G  | 05/84 | Updated, 02/94            |
| 00-111-6254 | 400-86-C-5570 | 13E    | 02/87 | Updated, 01/94            |
| 00-111-6254 | 400-87-C-5564 | 101228 | 11/88 | Updated, 05/93            |
| 00-111-6254 | 400-87-C-5564 | 111322 | 09/89 | Updated, 06/94            |
| 00-111-6254 | 400-89-C-5373 | 901    | 02/90 | Updated, 05/94            |
| 00-111-6254 | 400-89-C-5389 | 79     | 02/90 | Updated, 04/94            |
| 00-111-6254 | 400-90-C-5184 | 08A    | 05/90 | Updated, 09/94            |
| 00-111-6254 | 400-90-C-5350 | 902    | 08/90 | Updated, 08/93            |
| 00-111-6254 | 400-90-C-5350 | 903    | 11/90 | Updated, 04/94            |
| 00-111-6254 | 400-90-C-5350 | 904    | 11/90 | Updated, 12/94            |
| 00-111-6254 | 400-91-C-5207 | SB21   | 03/91 | Failed but updated, 08/94 |
| 00-111-6254 | 400-91-C-5527 | 2P     | 11/91 | Failed but updated, 04/95 |
| 00-111-6256 | 400-89-C-2014 | 87     | 02/90 | Updated, 01/94            |
| 00-111-6256 | 400-89-C-5118 | QE01   | 05/89 | Updated, 03/94            |
| 00-111-6256 | 400-90-C-0017 | 901    | 02/90 | Updated, 02/95            |
| 00-111-6256 | 400-91-C-5208 | 912    | 02/91 | Updated, 06/94            |
| 00-111-6256 | 400-91-C-5208 | 914    | 05/91 | Updated, 10/94            |
| 01-119-8149 | 400-90-C-5041 | 901    | 00/00 | Updated, 11/93            |
| 01-119-8149 | 400-90-C-5219 | 3C     | 00/00 | Updated, 05/94            |
| 01-119-8149 | 400-91-C-5277 | 126693 | 00/00 | Updated, 12/94            |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 01-131-3323 | 400-89-M-M149 | 106122 | 00/00 | Updated, 05/94          |
| 01-131-3323 | 600-83-C-0779 | JLF1   | 02/83 | Updated, 03/94          |
| 01-131-3324 | 400-86-C-2753 | MJ01   | 11/86 | Failed, condemned, 1992 |
| 01-131-3324 | 400-89-C-5148 | 106122 | 05/89 | Failed, condemned, 1993 |
| 01-131-3324 | 600-83-C-1351 | JLN1   | 11/83 | Failed, condemned, 1990 |
| 01-131-3325 | 400-85-C-F010 | 6309   | 11/84 | Failed, condemned, 1987 |
| 01-131-3325 | 400-89-C-1173 | QG01   | 07/89 | Updated, 07/93          |
| 01-131-3325 | 400-91-C-0623 | SA42   | 00/00 | Updated, 03/95          |
| 01-131-3325 | 400-91-C-1689 | S146   | 00/00 | Updated, 02/95          |
| 01-158-0462 | 400-89-C-1853 | 69     | 00/00 | Updated, 06/94          |
| 01-158-0462 | 400-90-C-0336 | 117734 | 05/90 | Updated, 06/94          |

Specification: MIL-B-46176

|             |               |          |       |                         |
|-------------|---------------|----------|-------|-------------------------|
| 01-102-9455 | 400-86-C-5495 | 86174    | 09/86 | Updated, 07/94          |
| 01-102-9455 | 400-87-C-5392 | GB018573 | 01/88 | Updated, 05/94          |
| 01-102-9455 | 400-87-C-5392 | GB087567 | 08/87 | Updated, 10/93          |
| 01-102-9455 | 400-87-C-5392 | GB087568 | 08/87 | Updated, 11/93          |
| 01-102-9455 | 400-87-C-5392 | GB097569 | 09/87 | Updated, 11/93          |
| 01-102-9455 | 400-87-C-5392 | GB127571 | 11/87 | Updated, 12/93          |
| 01-102-9455 | 400-87-C-5392 | GB127572 | 12/87 | Updated, 08/94          |
| 01-102-9455 | 400-88-C-5347 | GB019595 | 01/89 | Updated, 10/94          |
| 01-102-9455 | 400-88-C-5347 | GB029596 | 02/89 | Updated, 08/93          |
| 01-102-9455 | 400-88-C-5347 | GB029597 | 02/89 | Updated, 02/95          |
| 01-102-9455 | 400-88-C-5347 | GB088590 | 08/88 | Updated, 06/94          |
| 01-102-9455 | 400-88-C-5347 | GB098591 | 09/88 | Updated, 12/94          |
| 01-102-9455 | 400-88-C-5347 | GB108592 | 10/88 | Updated, 10/94          |
| 01-102-9455 | 400-88-C-5347 | GB108593 | 10/88 | Updated, 09/94          |
| 01-102-9455 | 400-88-C-5347 | GB128594 | 12/88 | Updated, 11/94          |
| 01-102-9455 | 400-90-C-5093 | GB010501 | 01/90 | Updated, 03/94          |
| 01-102-9455 | 400-90-C-5093 | GB020502 | 02/90 | Updated, 12/93          |
| 01-102-9455 | 400-90-C-5093 | GB030503 | 03/90 | Updated, 03/94          |
| 01-102-9455 | 400-90-C-5093 | GB040516 | 04/90 | Updated, 06/94          |
| 01-102-9455 | 400-90-C-5093 | GB050518 | 05/90 | Updated, 08/94          |
| 01-102-9455 | 400-90-C-5093 | GB060533 | 06/90 | Updated, 01/95          |
| 01-102-9455 | 400-91-C-5203 | GB021702 | 02/91 | Updated, 01/95          |
| 01-102-9455 | 400-91-C-5203 | GB031711 | 03/91 | Updated, 03/95          |
| 01-102-9455 | 600-81-C-1294 | 81270    | 11/81 | Failed, condemned, 1986 |
| 01-102-9455 | 600-82-C-0830 | 82035    | 05/82 | Updated, 02/95          |
| 01-102-9455 | 600-82-C-1321 | 82144    | 11/82 | Updated, 08/94          |
| 01-102-9455 | 600-83-C-0793 | 83015    | 02/83 | Updated, 10/94          |
| 01-123-3152 | 400-87-C-1180 | AA087137 | 00/00 | Updated, 08/93          |
| 01-123-3152 | 400-87-C-1180 | AA106127 | 10/86 | Updated, 08/93          |
| 01-123-3152 | 400-87-C-2296 | C4542    | 00/00 | Updated, 02/95          |
| 01-123-3152 | 400-90-C-5032 | AA089188 | 08/89 | Updated, 01/94          |
| 01-123-3152 | 400-90-C-5032 | AA089189 | 09/89 | Updated, 08/94          |

Specification: MIL-L-63460

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 01-053-6688 | 400-84-C-F080 | 12     | 08/84 | Failed, condemned, 1987 |
| 01-053-6688 | 400-85-C-5083 | 010385 | 01/85 | Failed, condemned, 1990 |
| 01-053-6688 | 400-85-C-5084 | 18     | 02/85 | Failed, condemned, 1990 |
| 01-053-6688 | 400-85-C-5529 | 22     | 08/85 | Updated, 05/93          |
| 01-053-6688 | 400-85-C-5557 | 090185 | 09/85 | Updated, 07/95          |

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 01-053-6688 | 400-85-D-0105 | 070186 | 00/00 | Failed, condemned, 1989   |
| 01-053-6688 | 400-85-D-0105 | 070286 | 00/00 | Failed, condemned, 1989   |
| 01-053-6688 | 400-85-D-0105 | 6189   | 00/00 | Failed, condemned, 1990   |
| 01-053-6688 | 400-87-D-0105 | 070287 | 06/86 | Updated, 08/93            |
| 01-053-6688 | 400-88-D-0040 | 28     | 02/88 | Updated, 01/95            |
| 01-053-6688 | 400-88-D-0052 | 0389A3 | 02/89 | Updated, 05/95            |
| 01-053-6688 | 400-88-D-0052 | 090188 | 09/88 | Updated, 08/94            |
| 01-053-6688 | 400-89-D-0100 | 891    | 11/89 | Updated, 11/95            |
| 01-053-6688 | 400-89-D-0100 | 902    | 02/90 | Updated, 02/96            |
| 01-053-6688 | 600-80-D-1342 | 80180  | 09/80 | Failed, condemned, 1986   |
| 01-053-6688 | 600-84-C-0707 | 010384 | 01/84 | Failed, condemned, 1987   |
| 01-054-6453 | 400-85-C-5083 | 020285 | 02/85 | Failed, condemned, 1987   |
| 01-054-6453 | 400-88-D-0046 | 30     | 11/88 | Updated, 01/95            |
| 01-054-6453 | 400-88-D-0046 | 31     | 11/88 | Updated, 10/94            |
| 01-054-6453 | 400-88-D-0046 | 891    | 11/86 | Updated, 05/94            |
| 01-054-6453 | 400-89-D-0100 | 901    | 02/90 | Failed, condemned, 1993   |
| 01-079-6124 | 400-87-D-0041 | 050287 | 05/87 | Updated, 05/93            |
| 01-079-6124 | 400-88-D-0018 | 0389A3 | 00/00 | Updated, 04/95            |
| 01-079-6124 | 400-89-D-0152 | 120189 | 12/89 | Failed but updated, 12/95 |
| 01-102-1473 | 400-85-C-5083 | 120184 | 12/84 | Failed, condemned, 1988   |
| 01-102-1473 | 400-87-D-0043 | 090187 | 00/00 | Failed, condemned, 1991   |
| 01-102-1473 | 400-89-D-0152 | 010190 | 02/90 | Failed but updated, 02/96 |

Specification: MIL-G-81322

|             |               |          |       |                |
|-------------|---------------|----------|-------|----------------|
| 00-145-0268 | 400-84-C-F026 | 52       | 08/84 | Updated, 05/93 |
| 00-145-0268 | 400-84-C-F026 | 53       | 08/84 | Updated, 05/94 |
| 00-145-0268 | 400-86-C-5471 | 628106   | 11/86 | Updated, 06/93 |
| 00-145-0268 | 400-86-C-5471 | 703106   | 11/86 | Updated, 01/95 |
| 00-145-0268 | 400-86-C-5471 | 717106   | 11/86 | Updated, 01/94 |
| 00-145-0268 | 400-86-C-5471 | 730116   | 11/88 | Updated, 12/93 |
| 00-145-0268 | 400-86-C-5471 | 736116   | 11/86 | Updated, 02/95 |
| 00-145-0268 | 400-86-C-5471 | 875126   | 11/86 | Updated, 01/95 |
| 00-145-0268 | 400-86-C-5471 | 914126   | 11/86 | Updated, 09/93 |
| 00-145-0268 | 400-86-C-5476 | 736116   | 11/86 | Updated, 12/93 |
| 00-145-0268 | 400-87-C-5432 | 0019018  | 11/87 | Updated, 06/94 |
| 00-145-0268 | 400-87-C-5432 | 1622048  | 05/88 | Updated, 10/93 |
| 00-145-0268 | 400-87-C-5432 | 1642048  | 05/88 | Updated, 10/94 |
| 00-145-0268 | 400-87-C-5432 | 4168107  | 11/87 | Updated, 03/94 |
| 00-145-0268 | 400-87-C-5432 | 4255107  | 11/87 | Updated, 05/94 |
| 00-145-0268 | 400-87-C-5432 | 4505107  | 11/87 | Updated, 03/95 |
| 00-145-0268 | 400-87-C-5574 | 1WBB5718 | 03/88 | Updated, 06/94 |
| 00-145-0268 | 400-87-C-5579 | 1WBB1958 | 03/88 | Updated, 04/95 |
| 00-145-0268 | 400-87-C-5579 | 1WBB2928 | 03/88 | Updated, 08/94 |
| 00-145-0268 | 400-87-C-5579 | 1WBB2948 | 03/88 | Updated, 07/94 |
| 00-145-0268 | 400-87-C-5579 | 1WBB297  | 03/88 | Updated, 12/94 |
| 00-145-0268 | 400-87-C-5579 | 1WBB2988 | 03/88 | Updated, 02/95 |
| 00-145-0268 | 400-87-C-5579 | 1WBB2998 | 03/88 | Updated, 08/93 |
| 00-145-0268 | 400-87-C-5579 | 1WBB3908 | 03/88 | Updated, 06/93 |
| 00-145-0268 | 400-87-C-5579 | 1WBB4868 | 00/00 | Updated, 03/94 |
| 00-145-0268 | 400-87-C-5579 | 1WBB4938 | 03/88 | Updated, 08/94 |
| 00-145-0268 | 400-87-C-5579 | 1WBB4958 | 03/88 | Updated, 03/94 |

|             |               |          |       |                         |
|-------------|---------------|----------|-------|-------------------------|
| 00-145-0268 | 400-87-C-5579 | 1WBB4968 | 04/88 | Updated, 03/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB5718 | 03/88 | Updated, 07/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB5728 | 03/88 | Updated, 06/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB7178 | 03/88 | Failed, condemned, 1990 |
| 00-145-0268 | 400-87-C-5579 | 1WBB8228 | 03/88 | Updated, 08/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB8848 | 03/88 | Updated, 06/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB8868 | 03/88 | Failed, condemned, 1989 |
| 00-145-0268 | 400-87-C-5579 | 1WBB8888 | 03/88 | Updated, 11/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB8889 | 03/88 | Updated, 06/94          |
| 00-145-0268 | 400-87-C-5579 | 1WBB8908 | 03/88 | Updated, 05/93          |
| 00-145-0268 | 400-89-C-5166 | 8910     | 08/89 | Updated, 09/93          |
| 00-145-0268 | 400-89-C-5166 | 897      | 08/89 | Updated, 12/93          |
| 00-145-0268 | 400-89-C-5166 | 898      | 08/89 | Updated, 09/93          |
| 00-145-0268 | 400-89-C-5166 | 899      | 08/89 | Updated, 07/93          |
| 00-145-0268 | 400-90-C-5212 | 9015     | 08/90 | Updated, 11/94          |
| 00-145-0268 | 400-90-C-5212 | 9016     | 08/90 | Updated, 10/94          |
| 00-145-0268 | 400-90-C-5212 | 9018     | 08/90 | Updated, 01/95          |
| 00-145-0268 | 400-90-C-5212 | 9019     | 08/90 | Updated, 08/93          |
| 00-145-0268 | 400-90-C-5212 | 9020     | 08/90 | Updated, 09/93          |
| 00-145-0268 | 400-90-C-5212 | 9021     | 09/90 | Updated, 09/93          |
| 00-145-0268 | 400-90-C-5212 | 9022     | 08/90 | Updated, 09/93          |
| 00-145-0268 | 400-90-C-5414 | 9025     | 12/90 | Updated, 01/94          |
| 00-145-0268 | 400-90-C-5414 | 9026     | 01/91 | Updated, 01/94          |
| 00-145-0268 | 400-90-C-5414 | 911      | 02/91 | Updated, 01/94          |
| 00-145-0268 | 400-90-C-5414 | 914      | 02/91 | Updated, 03/94          |
| 00-145-0268 | 451-92-C-5197 | 9237     | 11/92 | Updated, 04/95          |
| 00-145-0268 | 600-81-C-1177 | 20       | 08/81 | Failed, condemned, 1988 |
| 00-145-0268 | 600-83-C-1257 | 43       | 02/84 | Failed, condemned, 1986 |
| 00-181-7724 | 400-84-C-F026 | 48       | 05/84 | Failed, condemned, 1988 |
| 00-181-7724 | 400-84-M-F340 | 5E       | 09/84 | Updated, 06/94          |
| 00-181-7724 | 400-87-M-8851 | 332027   | 03/87 | Updated, 04/95          |
| 00-181-7724 | 400-87-M-Q566 | 15       | 06/87 | Updated, 06/93          |
| 00-181-7724 | 400-87-M-Z088 | 17       | 10/87 | Updated, 07/93          |
| 00-181-7724 | 400-89-C-5166 | 8910     | 08/89 | Updated, 09/93          |
| 00-181-7724 | 400-89-M-L885 | 203      | 08/89 | Updated, 03/94          |
| 00-181-7724 | 400-90-M-1659 | 717      | 11/89 | Updated, 12/93          |
| 00-181-7724 | 400-91-C-1823 | 9118     | 09/91 | Updated, 12/94          |
| 00-181-7724 | 400-91-C-1823 | 9119     | 09/91 | Updated, 12/94          |
| 00-181-7724 | 400-91-M-A001 | 915      | 02/91 | Updated, 02/95          |
| 00-181-7724 | 400-91-M-E490 | 915      | 02/91 | Updated, 04/94          |
| 00-181-7724 | 600-83-M-0729 | 10923    | 12/82 | Failed, condemned, 1989 |
| 00-935-5851 | 400-85-C-5089 | 64       | 00/00 | Failed, condemned, 1988 |
| 00-935-5851 | 400-85-C-5089 | 67       | 05/85 | Updated, 01/94          |
| 00-935-5851 | 400-86-C-5207 | 10       | 00/00 | Updated, 10/94          |
| 00-935-5851 | 400-87-C-5146 | B810     | 02/87 | Failed, condemned, 1987 |
| 00-935-5851 | 400-87-C-5146 | WB310    | 08/90 | Updated, 10/93          |
| 00-935-5851 | 400-87-C-5492 | 2113058  | 05/88 | Updated, 02/95          |
| 00-935-5851 | 400-87-C-5492 | 4361107  | 11/87 | Updated, 07/93          |
| 00-935-5851 | 400-87-C-5492 | 4392107  | 11/87 | Updated, 09/94          |
| 00-935-5851 | 400-87-C-5492 | 4423107  | 11/87 | Updated, 02/94          |
| 00-935-5851 | 400-87-C-5492 | 4568107  | 11/87 | Updated, 09/94          |
| 00-935-5851 | 400-87-C-5492 | 5203127  | 11/87 | Updated, 05/94          |

|             |               |          |       |                           |
|-------------|---------------|----------|-------|---------------------------|
| 00-935-5851 | 400-87-C-5492 | 53361271 | 00/00 | Updated, 04/95            |
| 00-935-5851 | 400-89-C-5135 | 1WB017   | 06/89 | Updated, 11/94            |
| 00-935-5851 | 400-89-C-5135 | 1WB0189  | 06/89 | Updated, 10/94            |
| 00-935-5851 | 400-89-C-5135 | 1WB1659  | 04/89 | Failed, condemned, 1992   |
| 00-935-5851 | 400-89-C-5135 | 1WB179   | 06/89 | Updated, 11/94            |
| 00-935-5851 | 400-89-C-5135 | 1WB422   | 07/89 | Updated, 06/94            |
| 00-935-5851 | 400-89-C-5135 | 1WB423   | 07/89 | Failed but updated, 11/94 |
| 00-935-5851 | 400-89-C-5135 | 1WB622   | 07/89 | Failed but updated, 04/95 |
| 00-935-5851 | 400-89-C-5135 | 1WB883   | 00/00 | Updated, 10/94            |
| 00-935-5851 | 400-89-C-5135 | 1WBB165  | 05/89 | Updated, 06/94            |
| 00-935-5851 | 400-89-C-5135 | 1WBB420  | 06/89 | Updated, 04/94            |
| 00-935-5851 | 400-89-C-5135 | 1WBB618  | 06/89 | Updated, 07/93            |
| 00-935-5851 | 400-89-C-5135 | 1WBB620  | 06/89 | Updated, 07/93            |
| 00-935-5851 | 400-89-C-5135 | 1WBB879  | 06/89 | Updated, 09/93            |
| 00-935-5851 | 400-89-C-5358 | 8910     | 00/00 | Updated, 09/94            |
| 00-935-5851 | 400-89-C-5358 | 8916     | 11/89 | Updated, 12/93            |
| 00-935-5851 | 400-89-C-5358 | 8917     | 11/89 | Updated, 11/93            |
| 00-935-5851 | 400-89-C-5358 | 9014     | 05/90 | Updated, 11/94            |
| 00-935-5851 | 400-89-C-5358 | 904      | 02/90 | Updated, 11/94            |
| 00-935-5851 | 400-89-C-5358 | 905      | 00/00 | Updated, 11/94            |
| 00-935-5851 | 400-89-C-5358 | 906      | 00/00 | Updated, 11/94            |
| 00-935-5851 | 400-89-C-5358 | 907      | 02/90 | Updated, 02/94            |
| 00-935-5851 | 400-90-C-5400 | 1WBB316  | 01/91 | Updated, 01/94            |
| 00-935-5851 | 400-90-C-5400 | WBB095   | 00/00 | Updated, 02/95            |
| 00-935-5851 | 400-90-C-5400 | WBB314   | 00/00 | Failed, condemned, 1993   |
| 00-935-5851 | 400-90-C-5400 | WBB315   | 02/91 | Updated, 02/95            |
| 00-935-5851 | 400-90-C-5400 | WBB867   | 02/91 | Failed but updated, 02/95 |
| 00-935-5851 | 400-90-C-5400 | WBB926   | 00/00 | Failed, condemned, 1992   |
| 00-935-5851 | 400-90-C-5400 | WBB929   | 00/00 | Failed but updated, 02/95 |
| 00-935-5851 | 400-90-C-5400 | WBB993   | 00/00 | Updated, 03/95            |
| 00-935-5851 | 400-90-C-5400 | WBB995   | 00/00 | Failed but updated, 03/95 |
| 00-935-5851 | 400-90-C-5400 | WBB996   | 02/91 | Updated, 03/95            |
| 00-935-5851 | 400-90-C-5400 | WBB997   | 00/00 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5021 | 1785052  | 05/92 | Updated, 04/95            |
| 00-935-5851 | 400-92-C-5022 | 9121     | 11/91 | Updated, 12/94            |
| 00-935-5851 | 400-92-C-5022 | 9122     | 01/92 | Updated, 01/95            |
| 00-935-5851 | 400-92-C-5022 | 9123     | 01/92 | Updated, 01/95            |
| 00-935-5851 | 400-92-C-5022 | 9124     | 01/92 | Updated, 01/95            |
| 00-935-5851 | 400-92-C-5022 | 921      | 01/92 | Updated, 02/95            |
| 00-935-5851 | 400-92-C-5022 | 9210     | 04/92 | Updated, 04/95            |
| 00-935-5851 | 400-92-C-5022 | 9211     | 03/92 | Updated, 03/94            |
| 00-935-5851 | 400-92-C-5022 | 9212     | 03/92 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5022 | 9213     | 03/92 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5022 | 9214     | 04/92 | Updated, 04/95            |
| 00-935-5851 | 400-92-C-5022 | 9215     | 04/92 | Updated, 04/95            |
| 00-935-5851 | 400-92-C-5022 | 9216     | 05/92 | Updated, 04/94            |
| 00-935-5851 | 400-92-C-5022 | 922      | 02/93 | Updated, 02/95            |
| 00-935-5851 | 400-92-C-5022 | 923      | 02/92 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5022 | 924      | 02/92 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5022 | 925      | 02/92 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5022 | 926      | 03/92 | Updated, 03/95            |
| 00-935-5851 | 400-92-C-5022 | 928      | 03/92 | Updated, 03/94            |

|             |               |         |       |                           |
|-------------|---------------|---------|-------|---------------------------|
| 00-935-5851 | 400-92-C-5022 | 929     | 03/92 | Updated, 03/95            |
| 00-935-5851 | 600-83-C-1258 | 084044  | 02/84 | Failed but updated, 03/95 |
| 00-935-5851 | 600-83-C-1258 | 737024  | 02/84 | Failed, condemned, 1986   |
| 00-944-8953 | 400-84-C-F026 | 49      | 05/84 | Failed, condemned, 1989   |
| 00-944-8953 | 400-84-C-F026 | 50      | 05/84 | Failed, condemned, 1989   |
| 00-944-8953 | 400-84-C-F026 | 51      | 05/84 | Updated, 04/94            |
| 00-944-8953 | 400-85-C-5496 | 1WBB208 | 08/85 | Updated, 09/93            |
| 00-944-8953 | 400-86-C-5195 | 20      | 08/86 | Updated, 08/94            |
| 00-944-8953 | 400-86-C-5195 | 22      | 08/86 | Updated, 03/94            |
| 00-944-8953 | 400-87-C-5220 | 14      | 05/87 | Updated, 08/93            |
| 00-944-8953 | 400-87-C-5220 | 15      | 05/87 | Updated, 12/93            |
| 00-944-8953 | 400-87-C-5391 | 17      | 08/87 | Failed, condemned, 1989   |
| 00-944-8953 | 400-87-C-5391 | 18      | 08/87 | Updated, 07/94            |
| 00-944-8953 | 400-87-C-5391 | 20      | 11/87 | Updated, 12/93            |
| 00-944-8953 | 400-87-C-5391 | 21      | 11/87 | Updated, 12/93            |
| 00-944-8953 | 400-88-C-5017 | 1WBB184 | 04/88 | Updated, 02/94            |
| 00-944-8953 | 400-88-C-5017 | 1WBB186 | 04/88 | Updated, 02/94            |
| 00-944-8953 | 400-88-C-5017 | 1WBB832 | 04/88 | Updated, 04/94            |
| 00-944-8953 | 400-88-C-5017 | 1WBB833 | 04/89 | Updated, 08/94            |
| 00-944-8953 | 400-88-C-5017 | 1WBB834 | 04/88 | Updated, 11/93            |
| 00-944-8953 | 400-88-C-5017 | 1WBB835 | 04/88 | Updated, 03/94            |
| 00-944-8953 | 400-88-C-5017 | 1WBB837 | 04/88 | Failed, condemned, 1993   |
| 00-944-8953 | 400-89-C-1548 | 8911    | 11/89 | Updated, 10/93            |
| 00-944-8953 | 400-90-C-5336 | B127    | 09/90 | Updated, 10/94            |
| 00-944-8953 | 400-90-C-5336 | B128    | 09/90 | Failed, condemned, 1992   |
| 00-944-8953 | 400-90-C-5336 | B129    | 09/90 | Updated, 10/94            |
| 00-944-8953 | 400-90-C-5336 | B130    | 09/90 | Updated, 11/94            |
| 00-944-8953 | 400-91-C-5139 | 0891031 | 03/91 | Updated, 04/94            |
| 00-944-8953 | 600-78-C-1250 | WB7181  | 00/00 | Failed, condemned, 1986   |
| 00-944-8953 | 600-78-C-1250 | WB7188  | 11/78 | Failed, condemned, 1988   |
| 00-944-8953 | 600-79-C-1057 | P1079   | 00/00 | Failed, condemned, 1986   |
| 00-944-8953 | 600-81-C-1177 | 18      | 08/81 | Failed, condemned, 1993   |
| 00-944-8953 | 600-82-C-1336 | WB2905  | 11/82 | Updated, 02/94            |
| 00-944-8953 | 600-83-C-1257 | 40      | 11/83 | Failed, condemned, 1993   |
| 00-944-8953 | 600-83-C-1257 | 41      | 11/83 | Failed, condemned, 1989   |
| 01-262-3358 | 400-89-M-J957 | 202     | 08/89 | Updated, 08/93            |
| 01-262-3358 | 400-89-M-N259 | 204     | 08/89 | Updated, 09/94            |
| 01-262-3358 | 400-90-M-C863 | 404     | 04/90 | Updated, 03/94            |
| 01-262-3358 | 400-91-M-B982 | 916     | 03/91 | Updated, 06/94            |
| 01-262-3358 | 400-91-M-C171 | 915     | 03/91 | Updated, 04/94            |
| 01-262-3358 | 400-92-M-3954 | 9124    | 01/92 | Updated, 02/95            |

Specification: MIL-H-83282

|             |               |    |       |                         |
|-------------|---------------|----|-------|-------------------------|
| 00-149-7431 | 400-84-C-F083 | 23 | 00/00 | Failed, condemned, 1988 |
| 00-149-7431 | 400-84-C-F083 | 25 | 08/84 | Updated, 05/93          |
| 00-149-7431 | 400-84-C-F083 | 27 | 11/84 | Updated, 11/93          |
| 00-149-7431 | 400-85-C-5362 | 10 | 08/85 | Failed, condemned, 1989 |
| 00-149-7431 | 400-85-C-5362 | 1Q | 08/85 | Updated, 08/93          |
| 00-149-7431 | 400-85-C-5362 | 1S | 08/85 | Failed, condemned, 1990 |
| 00-149-7431 | 400-85-C-5655 | 75 | 02/86 | Updated, 03/95          |
| 00-149-7431 | 400-86-C-0239 | 2C | 02/86 | Failed, condemned, 1990 |

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-149-7431 | 400-86-C-5168 | 13E    | 05/86 | Updated, 09/93            |
| 00-149-7431 | 400-86-C-5251 | 2K     | 08/86 | Updated, 08/94            |
| 00-149-7431 | 400-86-C-5251 | 2N     | 11/86 | Failed, condemned, 1992   |
| 00-149-7431 | 400-86-C-5251 | 2S     | 00/00 | Failed, condemned, 1992   |
| 00-149-7431 | 400-86-C-5251 | 2T     | 05/87 | Updated, 04/95            |
| 00-149-7431 | 400-86-C-5550 | 80     | 11/86 | Updated, 12/94            |
| 00-149-7431 | 400-86-C-5550 | 81     | 11/86 | Updated, 12/93            |
| 00-149-7431 | 400-86-C-5550 | 82     | 11/86 | Updated, 03/95            |
| 00-149-7431 | 400-86-C-5622 | 84014  | 02/87 | Updated, 02/95            |
| 00-149-7431 | 400-86-C-5622 | 84465  | 05/87 | Updated, 11/94            |
| 00-149-7431 | 400-86-C-5622 | 84949  | 05/87 | Updated, 11/94            |
| 00-149-7431 | 400-86-C-5622 | 85069  | 05/87 | Failed, condemned, 1989   |
| 00-149-7431 | 400-87-C-5431 | 2X     | 11/87 | Updated, 04/94            |
| 00-149-7431 | 400-87-C-5431 | 2Z     | 11/87 | Updated, 11/93            |
| 00-149-7431 | 400-87-C-5431 | 3B     | 02/88 | Updated, 01/95            |
| 00-149-7431 | 400-88-C-5280 | 95     | 11/88 | Updated, 09/94            |
| 00-149-7431 | 400-88-C-5281 | PG01   | 08/88 | Updated, 08/94            |
| 00-149-7431 | 400-89-C-5193 | 895    | 08/89 | Updated, 02/95            |
| 00-149-7431 | 400-89-C-5198 | 895    | 08/89 | Updated, 12/94            |
| 00-149-7431 | 400-89-C-5199 | QH01   | 08/89 | Updated, 11/94            |
| 00-149-7431 | 400-90-C-1470 | 119845 | 00/00 | Updated, 02/95            |
| 00-149-7431 | 400-90-C-5109 | 902    | 05/90 | Updated, 02/94            |
| 00-149-7431 | 400-90-C-5262 | 905    | 08/90 | Updated, 07/94            |
| 00-149-7431 | 400-91-C-5060 | 1F     | 02/91 | Updated, 02/95            |
| 00-149-7431 | 400-91-C-5060 | 2F     | 02/91 | Updated, 06/94            |
| 00-149-7431 | 400-91-C-5060 | 9E     | 02/91 | Updated, 04/95            |
| 00-149-7431 | 400-91-C-5213 | 912    | 02/91 | Updated, 01/95            |
| 00-149-7431 | 400-91-C-5213 | 913    | 00/00 | Updated, 03/95            |
| 00-149-7431 | 400-91-C-5213 | 914    | 02/91 | Updated, 02/95            |
| 00-149-7431 | 600-76-C-4952 | ELY3   | 05/78 | Failed, condemned, 1991   |
| 00-149-7431 | 600-78-C-0560 | 22     | 00/00 | Failed, condemned, 1989   |
| 00-149-7431 | 600-81-C-1042 | HLU1   | 08/81 | Failed, condemned, 1989   |
| 00-149-7431 | 600-81-C-1217 | HLG1   | 00/00 | Failed, condemned, 1990   |
| 00-149-7431 | 600-81-C-1217 | HLN3   | 11/81 | Failed, condemned, 1992   |
| 00-149-7431 | 600-81-C-1340 | 32     | 11/81 | Failed, condemned, 1989   |
| 00-149-7431 | 600-82-C-0858 | 49     | 05/82 | Updated, 04/95            |
| 00-149-7431 | 600-82-C-0914 | 44     | 02/82 | Updated, 03/95            |
| 00-149-7431 | 600-82-C-1350 | 47     | 11/82 | Updated, 11/93            |
| 00-149-7431 | 600-82-C-1350 | 48     | 11/82 | Updated, 11/93            |
| 00-149-7431 | 600-82-C-1350 | 49     | 11/82 | Failed, condemned, 1988   |
| 00-149-7431 | 600-82-C-1350 | 52     | 11/82 | Failed but updated, 03/95 |
| 00-149-7431 | 600-82-C-1350 | 61     | 02/83 | Failed, condemned, 1987   |
| 00-149-7431 | 600-83-C-0840 | JLG2   | 08/83 | Failed, condemned, 1990   |
| 00-149-7431 | 600-83-C-0840 | JLT1   | 08/83 | Updated, 05/93            |
| 00-149-7431 | 600-83-C-0840 | JLY1   | 05/83 | Failed, condemned, 1992   |
| 00-149-7431 | 600-83-C-0937 | 96     | 08/83 | Failed, condemned, 1992   |
| 00-149-7431 | 600-83-C-1262 | 60     | 11/83 | Updated, 02/94            |
| 00-149-7432 | 400-84-C-F083 | 23     | 08/84 | Failed, condemned, 1988   |
| 00-149-7432 | 400-84-C-F084 | 1A     | 08/84 | Failed, condemned, 1990   |
| 00-149-7432 | 400-84-C-F084 | 1B     | 08/84 | Failed, condemned, 1987   |
| 00-149-7432 | 400-84-C-F084 | 94     | 05/84 | Updated, 11/93            |
| 00-149-7432 | 400-85-C-5362 | 1T     | 08/85 | Failed, condemned, 1990   |

|             |               |        |       |                     |       |
|-------------|---------------|--------|-------|---------------------|-------|
| 00-149-7432 | 400-85-C-5533 | 77334  | 05/86 | Failed, condemned,  | 1991  |
| 00-149-7432 | 400-85-C-5636 | LK03   | 11/85 | Failed, condemned,  | 1988  |
| 00-149-7432 | 400-85-C-5655 | 74     | 02/86 | Updated, 02/95      |       |
| 00-149-7432 | 400-86-C-5251 | 2F     | 00/00 | Updated, 07/93      |       |
| 00-149-7432 | 400-86-C-5251 | 2S     | 11/86 | Updated, 07/93      |       |
| 00-149-7432 | 400-86-C-5296 | 80029  | 11/86 | Updated, 02/94      |       |
| 00-149-7432 | 400-86-C-5505 | ND02   | 05/87 | Updated, 06/93      |       |
| 00-149-7432 | 400-86-C-5550 | 83     | 00/00 | Failed, condemned,  | 1991  |
| 00-149-7432 | 400-86-C-5622 | 113754 | 12/89 | Updated, 02/94      |       |
| 00-149-7432 | 400-86-C-5622 | 90053  | 08/87 | Updated, 09/93      |       |
| 00-149-7432 | 400-87-C-5380 | 2W     | 11/87 | Updated, 02/94      |       |
| 00-149-7432 | 400-87-C-5380 | 3A     | 11/87 | Failed but updated, | 12/94 |
| 00-149-7432 | 400-87-C-5380 | 3E     | 05/88 | Failed, condemned,  | 1990  |
| 00-149-7432 | 400-87-C-5380 | 3F     | 05/88 | Updated, 06/93      |       |
| 00-149-7432 | 400-87-C-5502 | 113319 | 12/89 | Updated, 02/95      |       |
| 00-149-7432 | 400-87-C-5502 | 94514  | 02/88 | Updated, 06/93      |       |
| 00-149-7432 | 400-88-C-5279 | PE09   | 08/88 | Updated, 01/95      |       |
| 00-149-7432 | 400-88-C-5329 | 39     | 05/89 | Updated, 05/93      |       |
| 00-149-7432 | 400-88-C-5432 | PL02   | 01/89 | Updated, 02/94      |       |
| 00-149-7432 | 400-88-C-5433 | 891    | 02/89 | Updated, 02/95      |       |
| 00-149-7432 | 400-88-C-5433 | 892    | 02/89 | Failed, condemned,  | 1991  |
| 00-149-7432 | 400-89-C-5346 | 896B   | 11/88 | Updated, 10/93      |       |
| 00-149-7432 | 400-89-C-5346 | 897    | 11/89 | Updated, 11/93      |       |
| 00-149-7432 | 400-89-C-5347 | QL03   | 12/89 | Updated, 11/93      |       |
| 00-149-7432 | 400-89-C-5347 | RA01   | 02/90 | Updated, 02/94      |       |
| 00-149-7432 | 400-89-C-5347 | RA02   | 02/90 | Updated, 02/94      |       |
| 00-149-7432 | 400-89-C-5347 | RB01   | 02/90 | Failed, condemned,  | 1992  |
| 00-149-7432 | 400-90-C-5112 | RC02   | 03/90 | Updated, 04/94      |       |
| 00-149-7432 | 400-90-C-5112 | RD01   | 04/90 | Updated, 04/94      |       |
| 00-149-7432 | 400-90-C-5112 | RD02   | 04/90 | Updated, 04/94      |       |
| 00-149-7432 | 400-90-C-5112 | RE02   | 05/90 | Updated, 05/94      |       |
| 00-149-7432 | 400-90-C-5227 | 119844 | 00/00 | Updated, 10/94      |       |
| 00-149-7432 | 400-90-C-5227 | 119845 | 00/00 | Updated, 09/94      |       |
| 00-149-7432 | 400-90-C-5227 | 119846 | 00/00 | Failed but updated, | 11/94 |
| 00-149-7432 | 400-90-C-5227 | 119847 | 10/90 | Updated, 11/94      |       |
| 00-149-7432 | 400-90-C-5232 | 118660 | 07/90 | Updated, 07/94      |       |
| 00-149-7432 | 400-90-C-5233 | 5B     | 05/90 | Updated, 07/94      |       |
| 00-149-7432 | 400-91-C-5240 | 1L     | 08/91 | Updated, 01/95      |       |
| 00-149-7432 | 400-91-C-5240 | 1M     | 08/91 | Updated, 04/95      |       |
| 00-149-7432 | 400-91-C-5240 | 9J     | 05/91 | Updated, 03/95      |       |
| 00-149-7432 | 600-76-C-1934 | CLT1   | 11/83 | Failed, condemned,  | 1986  |
| 00-149-7432 | 600-80-C-1326 | GLS1   | 11/80 | Updated, 10/93      |       |
| 00-149-7432 | 600-81-C-1217 | HLM1   | 11/81 | Failed, condemned,  | 1990  |
| 00-149-7432 | 600-81-C-1217 | HLT2   | 11/81 | Failed, condemned,  | 1990  |
| 00-149-7432 | 600-81-C-1340 | 1K     | 11/84 | Failed, condemned,  | 1988  |
| 00-149-7432 | 600-81-C-1340 | 34     | 11/81 | Failed, condemned,  | 1989  |
| 00-149-7432 | 600-81-C-1340 | 36     | 11/81 | Failed, condemned,  | 1988  |
| 00-149-7432 | 600-81-C-1340 | 37     | 11/81 | Failed, condemned,  | 1989  |
| 00-149-7432 | 600-82-C-1350 | 68     | 02/83 | Failed, condemned   |       |
| 00-149-7432 | 600-83-C-0840 | JLG3   | 08/83 | Failed, condemned,  | 1990  |
| 00-149-7432 | 600-83-C-0927 | 72     | 05/83 | Failed, condemned,  | 1988  |
| 00-149-7432 | 600-83-C-0927 | 73     | 05/83 | Failed, condemned,  | 1988  |

|             |               |        |       |                         |
|-------------|---------------|--------|-------|-------------------------|
| 00-149-7432 | 600-83-C-1262 | 63     | 00/00 | Updated, 07/93          |
| 00-149-7432 | 600-83-C-1262 | 84     | 11/83 | Failed, condemned, 1986 |
| 00-180-6290 | 400-84-C-F030 | 19     | 00/00 | Failed, condemned, 1988 |
| 00-180-6290 | 400-84-C-F083 | 19     | 08/84 | Failed, condemned, 1988 |
| 00-180-6290 | 400-86-C-5246 | 78665  | 08/86 | Failed, condemned, 1988 |
| 00-180-6290 | 400-86-C-5346 | 2I     | 00/00 | Failed, condemned       |
| 00-180-6290 | 400-86-C-5474 | MH04   | 08/86 | Failed, condemned, 1990 |
| 00-180-6290 | 400-87-C-5561 | PB01   | 01/88 | Failed, condemned, 1990 |
| 00-180-6290 | 400-87-C-5561 | PB03   | 02/88 | Updated, 02/94          |
| 00-180-6290 | 400-88-C-5062 | 113362 | 11/89 | Updated, 11/93          |
| 00-180-6290 | 400-88-C-5062 | 113721 | 12/89 | Updated, 12/93          |
| 00-180-6290 | 400-89-C-5160 | 893    | 00/00 | Updated, 06/93          |
| 00-180-6290 | 400-89-C-5250 | QH03   | 08/89 | Updated, 12/93          |
| 00-180-6290 | 400-89-D-0111 | 025    | 02/90 | Updated, 02/94          |
| 00-180-6290 | 400-90-C-5018 | 901    | 02/90 | Updated, 11/93          |
| 00-180-6290 | 400-90-C-5422 | 6E     | 00/00 | Updated, 01/95          |
| 00-180-6290 | 400-91-C-5253 | 4F     | 02/91 | Updated, 02/95          |
| 00-180-6290 | 400-91-C-5254 | 912    | 02/91 | Updated, 12/94          |
| 00-180-6290 | 451-92-C-5152 | TG23   | 07/92 | Updated, 07/94          |
| 00-180-6290 | 451-92-C-5152 | TG62   | 07/92 | Updated, 07/94          |
| 00-180-6290 | 451-92-C-5152 | TH01   | 09/92 | Updated, 09/94          |
| 00-180-6290 | 451-92-C-5152 | TH13   | 08/92 | Updated, 08/94          |
| 00-180-6290 | 451-92-D-8031 | 923    | 10/92 | Updated, 04/95          |
| 00-180-6290 | 600-80-C-1511 | 21A29D | 00/00 | Failed, condemned, 1989 |
| 00-180-6290 | 600-81-C-1340 | 42     | 00/00 | Failed, condemned, 1989 |
| 01-009-7709 | 400-84-C-F083 | 21     | 10/84 | Failed, condemned, 1989 |
| 01-009-7709 | 400-84-C-F084 | 1F     | 08/84 | Failed, condemned, 1988 |
| 01-009-7709 | 400-86-C-5346 | 2L     | 00/00 | Failed, condemned, 1989 |
| 01-009-7709 | 400-86-C-5474 | MH04   | 08/86 | Failed, condemned, 1990 |
| 01-009-7709 | 400-86-C-5569 | 83601  | 00/00 | Updated, 09/93          |
| 01-009-7709 | 400-87-C-5560 | 104956 | 00/00 | Updated, 06/94          |
| 01-009-7709 | 400-87-C-5560 | 98545  | 06/88 | Failed, condemned, 1990 |
| 01-009-7709 | 400-87-C-5560 | 98818  | 06/88 | Failed, condemned, 1990 |
| 01-009-7709 | 400-89-C-5155 | 894    | 05/89 | Updated, 09/93          |
| 01-009-7709 | 400-90-C-5017 | RA04   | 02/90 | Updated, 03/94          |
| 01-009-7709 | 400-90-C-5017 | RA05   | 02/90 | Updated, 02/94          |
| 01-009-7709 | 400-90-C-5213 | 904    | 05/90 | Updated, 05/94          |
| 01-009-7709 | 400-90-C-5463 | 907    | 11/90 | Updated, 11/94          |
| 01-009-7709 | 400-90-C-5464 | 124211 | 00/00 | Updated, 03/95          |
| 01-009-7709 | 600-81-C-0553 | HLJ1   | 00/00 | Failed, condemned, 1990 |
| 01-009-7709 | 600-83-C-0840 | JLU2   | 05/83 | Failed, condemned, 1988 |

Specification: VV-G-632

|             |               |        |       |                           |
|-------------|---------------|--------|-------|---------------------------|
| 00-235-5532 | 400-90-M-A424 | 1      | 03/90 | Updated, 03/94            |
| 00-235-5532 | 400-90-M-V034 | 2      | 02/90 | Failed but updated, 09/94 |
| 00-531-6971 | 600-78-M-0573 | 008018 | 02/78 | Failed, condemned, 1991   |
| 00-531-7854 | 600-81-C-0610 | 2971   | 12/80 | Failed, condemned, 1990   |
| 00-753-4649 | 400-88-M-X098 | 2      | 00/00 | Failed, condemned, 1992   |
| 00-753-4649 | 400-90-M-T630 | 2      | 09/90 | Failed but updated, 12/94 |

Specification: VV-G-671

|             |               |           |       |                |
|-------------|---------------|-----------|-------|----------------|
| 00-190-0919 | 400-84-C-0527 | 212012284 | 02/84 | Updated, 05/94 |
| 00-223-4007 | 400-89-M-B792 | 660389    | 05/89 | Updated, 10/93 |

|             |               |         |       |                         |
|-------------|---------------|---------|-------|-------------------------|
| 00-235-5568 | 400-87-M-F416 | 1       | 00/00 | Failed, condemned       |
| 00-235-5568 | 400-88-M-P644 | 7650A88 | 08/88 | Updated, 03/94          |
| 00-257-5370 | 400-85-M-A697 | 1       | 02/85 | Failed, condemned, 1992 |
| 00-257-5370 | 400-86-M-A448 | 4       | 04/86 | Updated, 05/94          |
| 00-257-5370 | 400-90-M-L134 | 1       | 06/90 | Updated, 01/94          |
| 00-257-5370 | 600-82-M-1190 | 1       | 08/82 | Updated, 01/94          |
| 00-272-7652 | 400-86-M-BJ17 | 1060086 | 00/00 | Failed, condemned       |
| 00-272-7652 | 400-89-M-A028 | 3       | 07/89 | Updated, 06/93          |
| 00-272-7652 | 600-82-M-1190 | 1       | 00/00 | Failed, condemned       |

**Specification: VV-L-800**

|             |               |           |       |                         |
|-------------|---------------|-----------|-------|-------------------------|
| 00-231-6689 | 400-86-C-3365 | 160060287 | 02/87 | Failed, condemned, 1989 |
| 00-231-6689 | 400-87-M-9153 | 263263387 | 02/87 | Failed, condemned, 1989 |
| 00-231-6689 | 400-87-M-P891 | C4535     | 08/87 | Updated, 08/93          |
| 00-231-6689 | 400-88-C-0006 | 160060788 | 11/87 | Failed, condemned, 1991 |
| 00-231-6689 | 400-88-C-0006 | 160160788 | 00/00 | Failed, condemned, 1989 |
| 00-231-6689 | 400-89-M-3949 | C4612     | 02/89 | Updated, 01/95          |
| 00-231-6689 | 400-90-M-AE77 | C4815     | 11/90 | Updated, 10/94          |
| 00-231-6689 | 400-90-M-N691 | C4813     | 00/00 | Updated, 01/95          |
| 00-231-6689 | 400-91-M-9220 | C4829     | 00/00 | Updated, 01/95          |
| 00-231-9062 | 400-84-C-2745 | L60186    | 12/86 | Failed, condemned, 1989 |
| 00-231-9062 | 400-84-C-F031 | 4286      | 02/84 | Failed, condemned, 1987 |
| 00-231-9062 | 400-84-C-F042 | 11984W    | 00/00 | Failed, condemned, 1988 |
| 00-231-9062 | 400-84-C-F042 | 31984W    | 02/84 | Failed, condemned, 1992 |
| 00-231-9062 | 400-84-C-F042 | 3198W     | 00/00 | Failed, condemned       |
| 00-231-9062 | 400-86-C-2745 | 62387     | 02/87 | Failed, condemned, 1989 |
| 00-231-9062 | 400-86-C-2745 | K63786    | 00/00 | Failed, condemned, 1989 |
| 00-231-9062 | 400-88-C-0588 | F60688    | 06/88 | Failed, condemned, 1992 |
| 00-231-9062 | 400-89-C-0505 | C4619     | 02/89 | Updated, 01/94          |
| 00-231-9062 | 400-89-C-1795 | C4762     | 02/90 | Updated, 05/94          |
| 00-231-9062 | 400-90-M-BK16 | C4810     | 00/00 | Updated, 11/94          |
| 00-231-9062 | 400-91-C-0680 | C4833     | 02/89 | Updated, 02/95          |
| 00-231-9062 | 600-77-C-1186 | 44        | 00/00 | Failed, condemned, 1992 |
| 00-231-9062 | 600-81-C-0634 | 3991      | 11/80 | Failed, condemned, 1987 |
| 00-231-9062 | 600-82-C-0982 | C4136     | 05/82 | Failed, condemned, 1985 |
| 00-261-8146 | 400-89-M-3745 | 705       | 04/89 | Updated, 03/95          |
| 00-273-2389 | 400-85-C-1930 | 6186      | 08/85 | Updated, 03/94          |
| 00-273-2389 | 400-86-C-0143 | 86102     | 02/86 | Updated, 04/94          |
| 00-273-2389 | 400-89-C-1631 | 711       | 11/89 | Updated, 01/94          |
| 00-273-2389 | 400-90-C-0530 | 716       | 03/90 | Updated, 05/94          |
| 00-273-2389 | 600-72-C-1746 | 50963     | 00/00 | Failed, condemned       |
| 00-273-2389 | 600-72-C-1761 | 50963     | 00/00 | Failed, condemned       |
| 00-273-2389 | 600-74-C-1154 | 52834     | 11/73 | Failed, condemned, 1989 |
| 00-273-2389 | 600-81-C-1028 | C4026     | 06/81 | Failed, condemned, 1992 |
| 00-281-2060 | 400-86-C-5074 | F18361D   | 05/86 | Updated, 07/94          |
| 00-281-2060 | 400-86-C-5074 | F18361E   | 00/00 | Updated, 05/94          |
| 00-281-2060 | 400-87-C-0830 | F18936    | 07/87 | Updated, 04/95          |
| 00-281-2060 | 400-90-C-5038 | F19578B   | 00/00 | Updated, 02/94          |
| 00-281-2060 | 400-90-C-5038 | F19578C   | 05/86 | Updated, 07/94          |
| 00-458-0075 | 400-84-C-F030 | 031084W   | 00/00 | Failed, condemned       |
| 00-458-0075 | 400-84-C-F042 | 31084W    | 00/00 | Failed, condemned       |

|             |               |          |       |                           |
|-------------|---------------|----------|-------|---------------------------|
| 00-458-0075 | 400-86-C-5073 | 6188     | 02/86 | Updated, 03/94            |
| 00-458-0075 | 400-87-C-2338 | 693      | 10/87 | Updated, 05/94            |
| 00-458-0075 | 400-88-C-5372 | 111588WO | 11/88 | Failed but updated, 11/94 |
| 00-458-0075 | 400-88-C-5372 | 83088    | 08/88 | Failed, condemned, 1990   |
| 00-458-0075 | 400-90-C-5187 | 721      | 05/90 | Updated, 03/94            |
| 00-836-8641 | 400-89-M-G331 | 711      | 10/89 | Updated, 03/94            |
| 00-836-8641 | 400-89-M-R846 | 10891    | 08/86 | Updated, 10/94            |
| 00-836-8641 | 400-90-M-9371 | 716      | 03/90 | Updated, 04/94            |

## Distribution List

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### DEPARTMENT OF THE ARMY:

CDR AMC  
1 ATTN AMCRD S  
5001 EISENHOWER AVE  
ALEXANDRIA VA 22333-0001

TARDEC  
1 ATTN AMSTA TR-M  
1 ATTN AMSTA TR-E  
1 ATTN AMSTA TR-K  
WARREN MI 48397-5000

TARDEC  
50 MOBILITY TECHNOLOGY CENTER BELVOIR  
ATTN AMSTA RBF  
10115 GRIDLEY RD STE 128  
FT BELVOIR VA 22060-5843

CDR ARMY TACOM  
1 ATTN AMSTA IM-LMT  
1 ATTN AMSTA IM-LMM  
1 ATTN AMSTA IM-LMB  
1 ATTN AMSTA IM-FR  
1 ATTN AMSTA IM-FT  
1 ATTN AMSTA IM-KP  
1 ATTN AMSTA IM-MC  
1 ATTN AMSTA IM-MT  
WARREN MI 48397-5000

PROGRAM MANAGER  
ABRAMS TK SYS  
1 ATTN SFAE-ASM-AB  
WARREN MI 48397-5000

PROGRAM MANAGER  
1 BRADLEY FIGHTING VEH  
ATTN SFAE-ASM-BV  
WARREN MI 48397-5000

PROGRAM MANAGER  
FAM MED TACT VEH  
ATTN SFAE-TWV-FMTV  
WARREN MI 48397-5000

- CDR APC  
1 ATTN SATPC Q  
1 ATTN SATPC QE (BLDG 85 3)  
NEW CUMBERLAND PA 17070-5005
- 1 PETROL TEST FAC WEST  
BLDG 247 TRACEY LOC  
DDRW  
P O BOX 96001  
STOCKTON CA 95296-0960
- CDR ARMY TECOM  
1 ATTN AMSTE TA R  
1 ATTN AMSTE TC V 1 ATTN AMSTE EQ  
APG MD 21005-5006
- PROJ MGR PETROL WATER LOG  
3 ATTN AMCPM PWL  
4300 GOODFELLOW BLVD  
ST LOUIS MO 63120-1798
- PS MAGAZINE DIV  
1 ATTN AMXLS PS  
DIR LOGSA  
REDSTONE ARSENAL  
AL 35898-7466
- DIR  
ARMY RSCH LAB  
1 ATTN AMSRL CP PW  
2800 POWDER MILL RD  
ADELPHIA MD 20783-1145
- CDR ARMY NRDEC  
1 ATTN SATNC US (SIEGEL)  
1 ATTN SATNC UE  
NATICK MA 01760-5018
- CDR ARMY ARDEC  
1 ATTN SMCAR CC  
1 ATTN SMCAR ESC S  
PICATINNY ARSENAL  
NJ 07808-5000
- CDR ARMY DESCOM  
1 ATTN AMSDS MIN  
1 ATTN AMSDS EN  
CHAMBERSBURG PA 17201-4170

- 1 CDR TRADOC  
ATTN ATCD SL5  
INGALLS RD BLDG 163  
FT MONROE VA 23651-5194
- 1 CDR ARMY FIELD ARTY SCH  
ATTN ATSF CD  
FT SILL OK 73503
- 1 CDR ARMY ENGR SCHOOL  
ATTN ATSE CD  
FT LEONARD WOOD MO 65473-5000
- 1 CDR  
RED RIVER ARMY DEPOT  
ATTN SDSRR M  
ATTN SDSRR Q  
TEXARKANA TX 75501-5000

**DEPARTMENT OF THE NAVY:**

- 1 CDR  
NAVAL RSCH LABORATORY  
ATTN CODE 6176 (R. MOWERY)  
4555 OVERLOOK AVENUE, SW  
WASHINGTON DC 20032
- 1 CDR  
NAVAL SEA SYSTEMS CMD  
ATTN SEA 03M3  
2531 JEFFERSON DAVIS HWY  
ARLINGTON VA 22242-5160
- 1 CDR  
NAVAL SURFACE WARFARE CTR  
ATTN CODE 632  
ATTN CODE 859  
3A LEGGETT CIRCLE  
ANNAPOLIS MD 21401-5067

**DEPARTMENT OF THE NAVY/U.S MARINE CORPS:**

- 1 PROG MGR COMBAT SER SPT  
MARINE CORPS SYS CMD  
2033 BARNETT AVE STE 315  
QUANTICO VA 22134-5080

1 CDR  
MARINE CORPS LOGISTICS BA  
ATTN CODE 837  
814 RADFORD BLVD  
ALBANY GA 31704-1128

1 CDR  
BLOUNT ISLAND CMD  
ATTN CODE 922/1  
JACKSONVILLE FL 32226-3404

**DEPARTMENT OF AIR FORCE:**

1 AIR FORCE WRIGHT LAB  
ATTN WL/POSL  
1790 LOOP RD N  
WRIGHT PATTERSON AFB  
OH 45433-7103

1 AIR FORCE WRIGHT LAB  
ATTN WL/MLBT  
2941 P ST STE 1  
WRIGHT PATTERSON AFB  
OH 45433-7718

1 AIR FORCE WRIGHT LAB  
ATTN WL/MLSE  
2179 12TH ST STE 1  
WRIGHT PATTERSON AFB  
OH 45433-7718

1 WR ALC/LVRS  
225 OCMULGEE CT  
ROBINS AFB  
GA 31098-1647

**DEPARTMENT OF DEFENSE:**

1 DEFENSE GEN SUPPLY CTR  
ATTN DGSC SSA  
1 DEFENSE GEN SUPPLY CTR  
ATTN DGSC STA  
8000 JEFFERSON DAVIS HWY  
RICHMOND VA 23297-5678

12 DEFENSE TECH INFO CTR  
CAMERON STA  
ALEXANDRIA VA 22304

## **Notes**

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